

11th Edition 2022



# Urology

**STORZ**  
KARL STORZ – ENDOSKOPE



# Important Notes

## **It is recommended to check the suitability of the product for the intended procedure prior to use.**

Endoscopes and accessories contained in this catalog have been designed in part with the cooperation of physicians and are manufactured by the KARL STORZ group. If subcontractors are hired to manufacture individual components, these are made according to proprietary KARL STORZ plans or drawings. Furthermore, these products are subject to strict quality and control guidelines of the KARL STORZ group.

Both contractual and general legal provisions prohibit subcontractors from supplying components manufactured by order of the KARL STORZ group to competitors.

Any assumptions that competitors' endoscopes and accessories are acquired from the same suppliers as the KARL STORZ products are not correct. Moreover, endoscopes and instruments provided by competitors are not manufactured according to the design specifications of the KARL STORZ group. This means it cannot be assumed that these endoscopes and accessories – even if they look identical on the outside – are constructed in the same manner and have been tested according to the same criteria.

## **Standardized Design and Labeling**

KARL STORZ participates both in national and international bodies involved in the development of standards for endoscopes and endoscopic accessories. Standardized design and development therefore have long been implemented consistently by KARL STORZ. The user can rest assured that all products by the KARL STORZ group have been designed and constructed not only in compliance with strict internal quality guidelines, but also with international standards. All data relevant for safe use, such as viewing direction, sizes and diameters, or notes regarding sterilization of telescopes, are applied to the instruments, have been formulated according to international standards, and therefore provide reliable information. As we constantly seek to improve and modify our products, we reserve the right to make changes in design that vary from catalog descriptions.

## **Original or Counterfeit**

KARL STORZ products are name brand articles renowned around the world and represent the state of the art in important areas of healthcare. A large number of “copy cat” products are currently being offered in many markets. These products are designed intentionally to resemble KARL STORZ products and use marketing strategies that at least point out their compatibility with KARL STORZ products. These products are by no means genuine products, since genuine KARL STORZ products are sold worldwide exclusively under the name of KARL STORZ, which appears on the packaging and the product. In the absence of such labeling, the product is not from KARL STORZ.

KARL STORZ, therefore, is unable to ensure that such products are actually compatible with genuine KARL STORZ products or can be used with them without injury to the patient.



Information on events available at: [www.karlstorz.com](http://www.karlstorz.com)

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**STORZ**  
KARL STORZ—ENDOSKOPE

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# 01

## HOPKINS® Telescopes for Adults

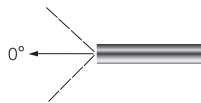
|   |     |
|---|-----|
| HOPKINS® Telescopes,<br>diameter 4 mm                                       | 2-3 |
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| HOPKINS® Telescopes,<br>with integrated greenlight filter,<br>diameter 4 mm | 5   |
| HOPKINS® Telescopes,<br>fiber optic light incorporated,<br>diameter 2.9 mm  | 6   |

- Scratch-resistant sapphire glass as cover glass for the eyepiece cup
- Anti-reflective coating
- Light cable coding on the telescope cube enables easier identification of the light cable according to the telescope size



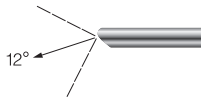
| Light Cable Diameter |  | Endoscope Diameter |  |
|----------------------|--|--------------------|--|
| 4.8 – 5.0 mm         |  | 6.6 – 12.0 mm      |  |
| 3.0 – 3.5 mm         |  | 3.0 – 6.5 mm       |  |
| 2.0 – 2.5 mm         |  | 0.8 – 2.9 mm       |  |





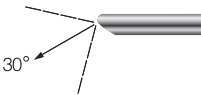
**27005AA**

**HOPKINS® Straight Forward Telescope 0°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



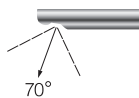
**27005FA**

**HOPKINS® Telescope 12°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black



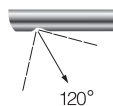
**27005BA**

**HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



**27005CA**

**HOPKINS® Lateral Telescope 70°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow



**27005EA**

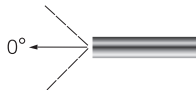
**HOPKINS® Retrospective Telescope 120°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: white

# HOPKINS® Telescopes for Photodynamic Diagnosis (PDD)

Fiber optic light transmission incorporated

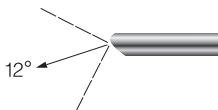


27005BIA



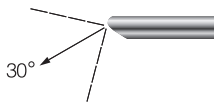
27005AIA

**HOPKINS® Straight Forward Telescope 0°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: green



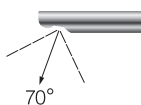
27005FIA

**HOPKINS® Telescope 12°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: black



27005BIA

**HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: red



27005CIA

**HOPKINS® Lateral Telescope 70°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: yellow

**Recommended light cable, for use with HOPKINS® telescopes for photodynamic diagnosis (PDD):**



495FS

**Fluid Light Cable**, diameter 2 mm, length 220 cm

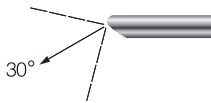
HOPKINS® Telescopes 27005AIA, 27005BIA, 27005CIA and 27005FIA can be combined with standard urological instruments from KARL STORZ. The eyepieces of all telescopes for photodynamic diagnosis are color-coded blue-white.

# HOPKINS® Telescope

with integrated greenlight filter

## Special Features:

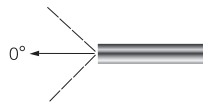
- Integrated greenlight filter to protect the camera
- No obtrusive filter between the camera and the eyepiece



**27005BGA**

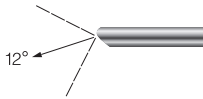
**Greenlight Filter HOPKINS®**  
**Forward-Oblique Telescope 30°**, enlarged view,  
diameter 4 mm, length 30 cm, **autoclavable**,  
with integrated greenlight filter and fiber optic light  
transmission incorporated,  
color code: red

HOPKINS® Telescope 27005BGA can be combined with standard urological instruments from KARL STORZ. The eyepieces of all telescopes with integrated greenlight filters are color-coded green-white.



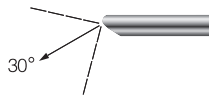
**27020AA**

**HOPKINS® Straight Forward Telescope 0°**, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



**27020FA**

**HOPKINS® Telescope 12°**, enlarged view, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black



**27020BA**

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

# 02

## Cystoscope-Urethroscopes

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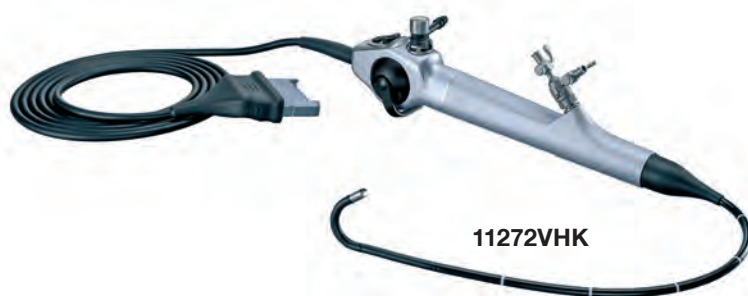
Cysto-Urethroscopes and Instruments 44-53

# Flexible Video Cystoscopes HD-VIEW

High performance by definition

**HD-VIEW**

| Order no. | Video Cystoscope HD-VIEW            | Deflection of distal tip  | Direction of view | Working length | Working channel diameter | Sheath size | Distal tip outer circumference | Position of working channel |
|-----------|-------------------------------------|---|-------------------|----------------|--------------------------|-------------|--------------------------------|-----------------------------|
| 11272VHK  | positive deflection mechanism       |  | 0°                | 37 cm          | 7 Fr.                    | 16 Fr.      | 10.9 Fr.                       | 6 o'clock                   |
| 11272VHUK | contrapositive deflection mechanism |  | 0°                | 37 cm          | 7 Fr.                    | 16 Fr.      | 10.9 Fr.                       | 6 o'clock                   |



## With suction channel and integrated light source

**11272VHK** **Flexible Video Cystoscope HD-VIEW, Set**, with positive deflection mechanism, with suction channel and integrated light source, deflection of distal tip 210°/140°, direction of view 0°, angle of view 100°, working channel inner diameter 7 Fr., sheath size 16 Fr., working length 37 cm, for use with IMAGE1 S™

**11272VHUK** **Flexible Video Cystoscope HD-VIEW, Set**, with contrapositive deflection mechanism, with suction channel and integrated light source, deflection of distal tip 210°/140°, direction of view 0°, angle of view 100°, working channel inner diameter 7 Fr., sheath size 16 Fr., working channel 37 cm, for use with IMAGE1 S™

# Flexible Video Cystoscopes HD-VIEW

High performance by definition

**HD-VIEW**

The following products are included in delivery of 11272VHK:



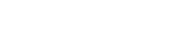
27677SX

**Case**, for flexible endoscopes, external dimensions (w x h x d): 580 x 500 x 145 mm



11014L\*

**LUER Port with Two Stopcocks**, attachment to working channel, for the connection of irrigation tubing and the insertion of instruments



11301CD1

**Irrigation Adaptor**, for machine cleaning, reusable



13242XL

**Leakage Tester**, with bulb and manometer

11025E

**Pressure Compensation Cap**, for ventilation during gas and plasma sterilization



11301P

**Seal for Suction Valve Port**, for sealing the suction channel

The following optional products are available:



11301CE1

**Suction Valve**, for single use, package of 20



11301CB1

**Suction Valve**, reusable



11301P

**Seal for Suction Valve Port**, for sealing the suction channel



11014L

**LUER Port with Two Stopcocks**, attachment to working channel, for the connection of irrigation tubing and the insertion of instruments



11014LU

**Double LUER Port**, attachment to working channel, for the connection of irrigation tubing and the insertion of instruments

\* **Please note:** Double LUER Port 11014LU is included in the delivery of Video Cystoscope HD-VIEW Set 11272VHUK

# Flexible Video Cystoscopes HD-VIEW

High performance by definition

HD-VIEW

The following optional products are available:



27023FE

**Grasping Forceps for Small Fragments**, single action jaws, flexible, 5 Fr., length 73 cm



27023ZE

**Biopsy Forceps**, single action jaws, flexible, 5 Fr., length 73 cm



27023KF

**Stone Basket**, nitinol, without tip, straight, 3 Fr., length 70 cm, 4 wires, basket diameter 12 mm, sterile, for single use



27723T

**Coagulation Electrode**, unipolar, 4 Fr., length 73 cm



11301CD1

**Irrigation Adaptor**, for machine cleaning, reusable



110940-50

**Cleaning Brush**, with double-sided brush, length 90 cm, brush diameter 2.6 mm, unsterile, for single use, package of 50, for use with flexible endoscopes with working channel diameters 2 – 2.3 mm

39406AS

**Plastic Container for Flexible Endoscopes**, external dimensions (w x d x h): 550 x 260 x 90 mm



11014Y

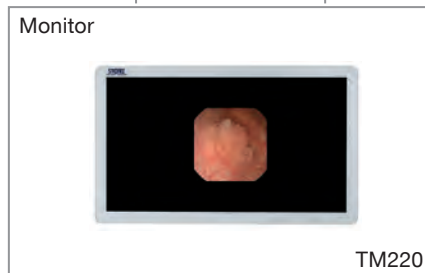
**Fiber Fixation**, instrument port for the insertion and fixation of LASER fibers, stone baskets, wires etc. in flexible endoscopes



# Flexible Video Cystoscopes HD-VIEW

Overview

**HD-VIEW**

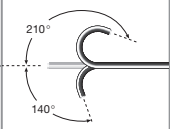



\* Also available in the following languages: DE, ES, FR, IT, PT, RU

# Video Cysto-Urethroscopes C-VIEW®

Flexible application redefined

**C-VIEW**

| Order no. | CMOS Video Cysto-Urethroscope C-VIEW® | Deflection of distal tip  | Direction of view | Angle of view | Working length | Working channel inner diameter | Sheath size |
|-----------|---------------------------------------|---|-------------------|---------------|----------------|--------------------------------|-------------|
| 11272VEK  | positive deflection mechanism         |  | 0°                | 100°          | 37 cm          | 7 Fr.                          | 15.6 Fr.    |
| 11272VUEK | contrapositive deflection mechanism   |  | 0°                | 100°          | 37 cm          | 7 Fr.                          | 15.6 Fr.    |



**11272VEK** **CMOS Video Cysto-Urethroscope C-VIEW® KIT**, steerable, with positive deflection mechanism, working channel inner diameter 7 Fr., direction of view 0°, angle of view 100°, sheath size 15.6 Fr., working length 37 cm






**11272VUEK** **CMOS Video Cysto-Urethroscope C-VIEW® KIT**, steerable, with contrapositive deflection mechanism, working channel inner diameter 7 Fr., direction of view 0°, angle of view 100°, sheath size 15.6 Fr., working length 37 cm

# Video Cysto-Urethrosopes C-VIEW®


Flexible application redefined

The following products are included in delivery:



|   |                  |  |
|---|------------------|--|
|  | <b>27677SM</b>   | <b>Case for Flexible Endoscopes</b> , external dimensions (w x d x h): 580 x 500 x 165 mm                                      |
|  | <b>27023FE</b>   | <b>Grasping Forceps for Small Fragments</b> , single action jaws, flexible, 5 Fr., length 73 cm                                |
|  | <b>27023ZE</b>   | <b>Biopsy Forceps</b> , single action jaws, flexible, 5 Fr., length 73 cm  |
|   | <b>11025E</b>    | <b>Pressure Compensation Cap</b> , for ventilation during gas and plasma sterilization   |
|   | <b>13242XL</b>   | <b>Leakage Tester</b> , with bulb and manometer  |
|  | <b>110940-50</b> | <b>Cleaning Brush</b> , with double-sided brush, length 90 cm, brush diameter 2.6 mm, unsterile, for single use, package of 50 |
|  | <b>27014Y</b>    | <b>LUER-Adaptor</b> , with seal  |

The following optional products are available:

|   |                  |  |
|---|------------------|--|
|  | <b>27023VK</b>   | <b>Stone Basket</b> , 5 Fr./1.67 mm, length 60 cm  |
|  | <b>27023KF</b>   | <b>Stone Basket</b> , nitinol, without tip, straight, 3 Fr., length 70 cm, 4 wires, basket diameter 12 mm, sterile, for single use |
|  | <b>27723T</b>    | <b>Coagulation Electrode</b> , unipolar, 4 Fr., length 73 cm   |
|  | <b>27550N</b>    | <b>Seal</b> , for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10  |
|   | <b>27001RA</b>   | <b>Cleaning Adaptor</b>  |
|  | <b>110940-50</b> | <b>Cleaning Brush</b> , with double-sided brush, length 90 cm, brush diameter 2.6 mm, unsterile, for single use, package of 50     |
|  | <b>11014 Y</b>   | <b>Fiber Fixation</b>  |
|   | <b>8404ZX</b>    | <b>C-MAC® Monitor for CMOS Endoscopes</b> , screen size 8" mit 1200 x 1920 pixel resolution  |
|   | <b>39406AS</b>   | <b>Plastic Container for Flexible Endoscopes</b> , external dimensions (w x d x h): 550 x 260 x 90 mm                              |

# CMOS Office Platform

## Overview

**C-VIEW**

Rigid and Flexible Endoscopes



CMOS Video Cysto-  
Urethroscopes C-VIEW®



11272VE  
11272VUE

Cold Light Fountains



POWER LED 175    20161401-1  
LED NOVA 150    20161201

Fiber Optic Light Cables



495NA  
495NAC

H1 Camera Head



TH130

TELECAM C3



TC100EN\*

C-MAC® Monitor



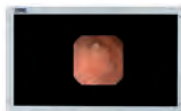
8404ZX

TELE PACK+



TP101



Monitor



TM220

\* Also available in the following languages: DE, ES, FR, IT, PT, RU

# Cysto-Urethro-Fiberscopes





| Order no. | Cysto-Urethro-Fiberscopes           | Deflection of distal tip  | Direction of view | Angle of view | Working length | Working channel inner diameter | Sheath size |
|-----------|-------------------------------------|---|-------------------|---------------|----------------|--------------------------------|-------------|
| 11272CK1  | positive deflection mechanism       |  | 0°                | 110°          | 37 cm          | 7 Fr.                          | 15.5 Fr.    |
| 11272CUK1 | contrapositive deflection mechanism |  | 0°                | 110°          | 37 cm          | 7 Fr.                          | 15.5 Fr.    |








**11272CK1** **Cysto-Urethro-Fiberscope**, with positive deflection mechanism, deflection of distal tip 210°/140°, direction of view 0°, angle of view 110°, working channel inner diameter 7 Fr., sheath size 15.5 Fr., working length 37 cm

**11272CUK1** **Cysto-Urethro-Fiberscope**, with contrapositive deflection mechanism, deflection of distal tip 210°/140°, direction of view 0°, angle of view 110°, working channel inner diameter 7 Fr., sheath size 15.5 Fr., working length 37 cm

The following products are included in delivery:

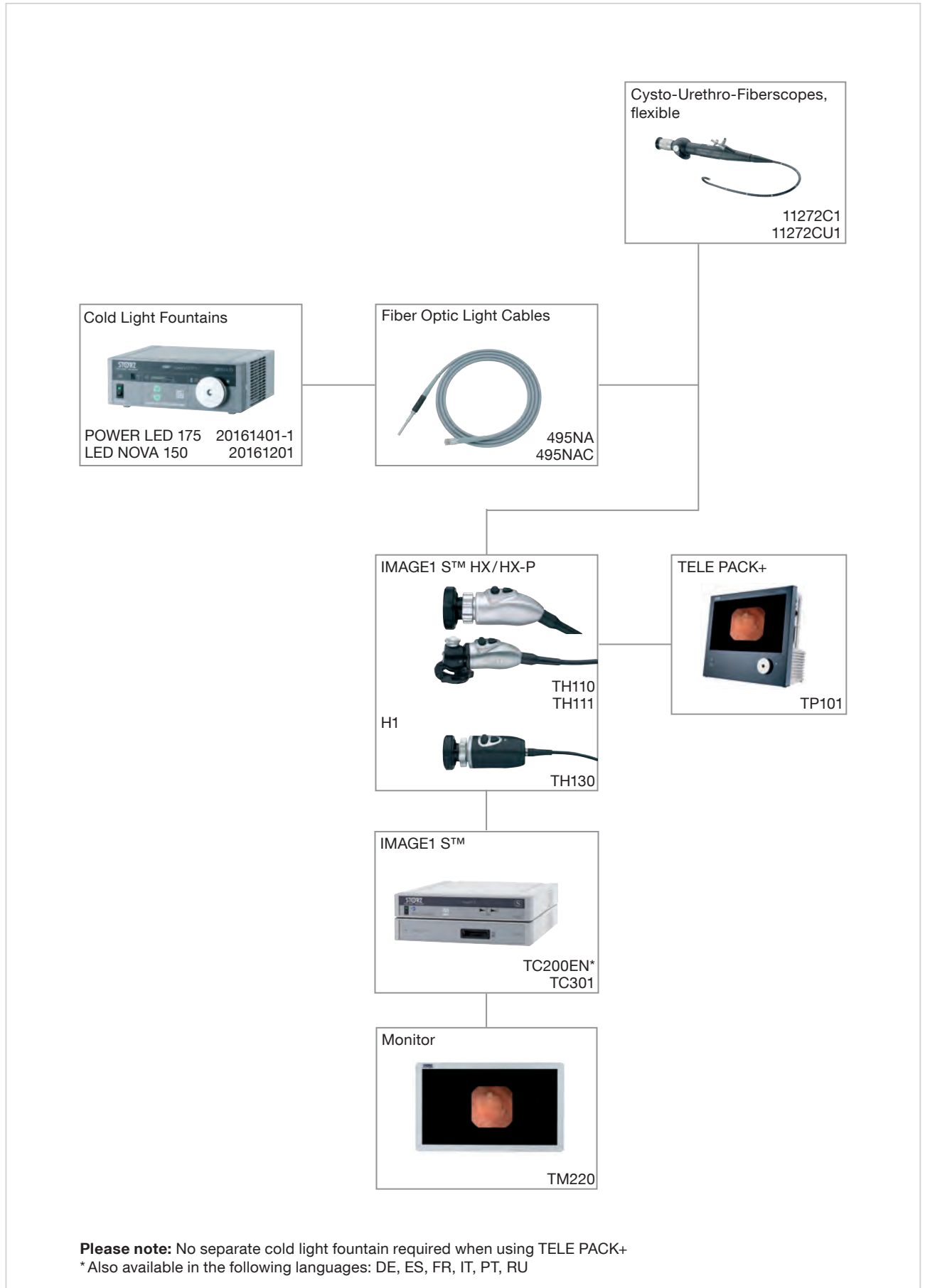
|   |                  |  |
|---|------------------|--|
|   | <b>27677A</b>    | <b>Case</b>  |
|    | <b>27023FE</b>   | <b>Grasping Forceps for Small Fragments</b> , single action jaws, flexible, 5 Fr., length 73 cm                                |
|    | <b>27023ZE</b>   | <b>Biopsy Forceps</b> , single action jaws, flexible, 5 Fr., length 73 cm  |
|   | <b>11025E</b>    | <b>Pressure Compensation Cap</b> , for ventilation during gas and plasma sterilization   |
|   | <b>13242XL</b>   | <b>Leakage Tester</b> , with bulb and manometer  |
|    | <b>110940-50</b> | <b>Cleaning Brush</b> , with double-sided brush, length 90 cm, brush diameter 2.6 mm, unsterile, for single use, package of 50 |
|  | <b>27014Y</b>    | <b>LUER-Adaptor</b> , with seal  |

The following optional products are available:

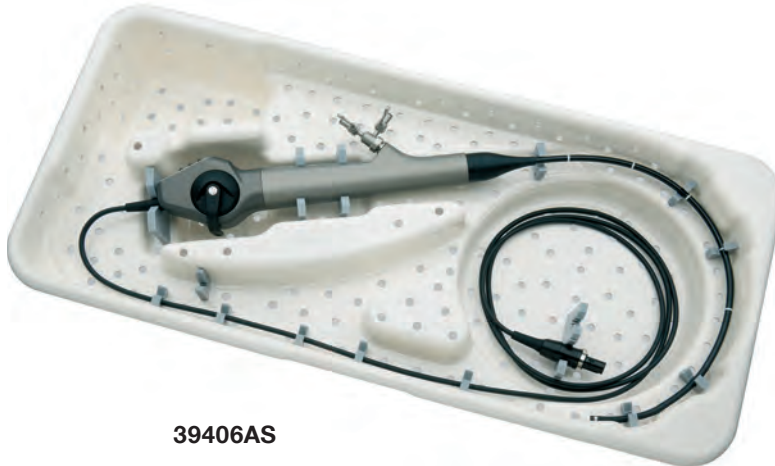
|   |                  |  |
|---|------------------|--|
|  | <b>27023VK</b>   | <b>Stone Basket</b> , 5 Fr./1.67 mm, length 60 cm  |
|  | <b>27023KF</b>   | <b>Stone Basket</b> , nitinol, without tip, straight, 3 Fr., length 70 cm, 4 wires, basket diameter 12 mm, sterile, for single use |
|  | <b>27723T</b>    | <b>Coagulation Electrode</b> , unipolar, 4 Fr., length 73 cm   |
|  | <b>27550N</b>    | <b>Seal</b> , for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10  |
|   | <b>27001RA</b>   | <b>Cleaning Adaptor</b>  |
|  | <b>110940-50</b> | <b>Cleaning Brush</b> , with double-sided brush, length 90 cm, brush diameter 2.6 mm, unsterile, for single use, package of 50     |

# Cysto-Urethro-Fiberscopes

Overview



**Please note:** No separate cold light fountain required when using TELE PACK+  
\* Also available in the following languages: DE, ES, FR, IT, PT, RU



39406AS

For use with Video Cysto-Urethroscopes 11272VN, 11272VNU and 11272VNI, 11272VNIUB

**39403AS**

**Plastic Container for Sterilization**, especially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, perforated, with lid, for use with flexible video cysto-, rhino- and bronchoscopes, external dimensions (w x d x h): 550 x 260 x 90 mm

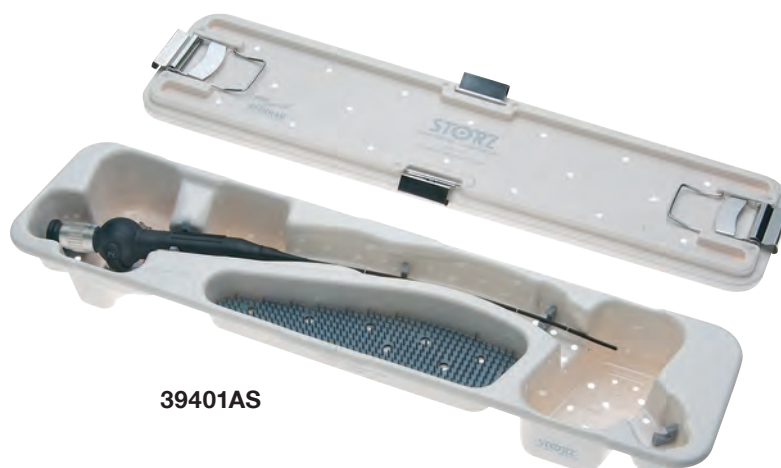
For use with CMOS Video Cysto-Urethroscopes C-VIEW® 11272VE, 11272VUE and HD-VIEW 11272VH, 11272VHU

**39406AS**

**Plastic Container for Flexible Endoscopes**, suitable for gas and hydrogen peroxide (Sterrad®) sterilization and storage, for use with one flexible endoscope, external dimensions (w x d x h): 550 x 260 x 90 mm

**Please note:** Flexible endoscopes can only be sterilized with gas and plasma in these containers. The instruments displayed are not included in the plastic containers.





39401AS

For use with Cysto-Urethro-Fiberscopes 11272C1 and 11272CU1

- |                |  |
|----------------|--|
| <b>39401AS</b> | <b>Plastic Container for Sterilization</b> , especially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, perforated, with lid, for use with flexible fiberscopes up to max. 39 cm working length, external dimensions (w x d x h): 690 x 170 x 92 mm |
| <b>39402AS</b> | <b>Plastic Container for Sterilization</b> , especially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, perforated, with lid, for use with flexible fiberscopes up to max. 95 cm working length, external dimensions (w x d x h): 550 x 260 x 92 mm |

**Please note:** Flexible endoscopes can only be sterilized with gas and plasma in these containers. The instruments displayed are not included in the plastic containers.

# Cysto-Urethroscope Sheaths

17 – 25 Fr., working length 22 cm,  
for use with 4 mm telescopes



**27026B**

**27026AK**

**Cystoscope-Urethroscope Sheath**, 25 Fr.,  
with Obturator 27026AO and 2 LUER-Lock cones,  
color code: white

**27026BK**

**Cystoscope-Urethroscope Sheath**, 22 Fr.,  
with Obturator 27026BO and 2 LUER-Lock cones,  
color code: blue

**27026CK**

**Cystoscope-Urethroscope Sheath**, 20 Fr.,  
with Obturator 27026CO and 2 LUER-Lock cones,  
color code: red

**27026DK**

**Cystoscope-Urethroscope Sheath**, 19 Fr.,  
with Obturator 27026DO and 2 LUER-Lock cones,  
color code: green

**27026UK**

**Cystoscope-Urethroscope Sheath**, 17 Fr.,  
with Obturator 27026UO and 2 LUER-Lock cones,  
color code: yellow

With slot,  
no slip-off of flexible instruments



**27026BB**

**27026ABK**

**Cystoscope-Urethroscope Sheath**, 25 Fr.,  
with Obturator 27026AO and 2 LUER-Lock cones,  
color code: white

**27026BBK**

**Cystoscope-Urethroscope Sheath**, 22 Fr.,  
with Obturator 27026BO and 2 LUER-Lock cones,  
color code: blue

**27026CBK**

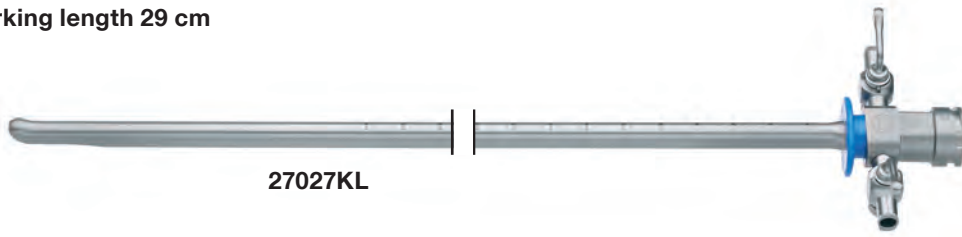
**Cystoscope-Urethroscope Sheath**, 20 Fr.,  
with Obturator 27026CO and 2 LUER-Lock cones,  
color code: red

**27026DBK**

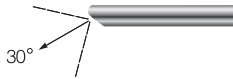
**Cystoscope-Urethroscope Sheath**, 19 Fr.,  
with Obturator 27026DO and 2 LUER-Lock cones,  
color code: green

# Extra Long Cysto-Urethroscope

Working length 29 cm



27027KL



27325BA

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 3.5 mm, **autoclavable**, fiber optic light transmission incorporated, color code: red

27027KLK

**Cystoscope-Urethroscope Sheath, 22 Fr.**, extra long, with Obturator 27027KO and 2 LUER-Lock cones, color code: blue



27027NL

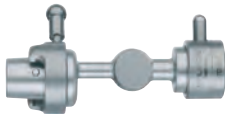
**Telescope Bridge**, with 1 lockable channel, for use with instruments 10 Fr.



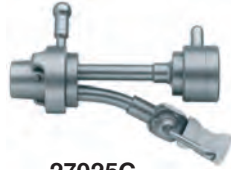
27027E

**Catheter Deflecting Mechanism**, with ALBARRAN lever, with 1 lockable channel, with ratchet, for use with instruments 9 Fr.

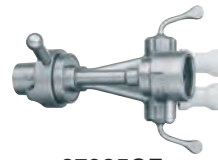
# Telescope Bridges, Catheter Deflecting Mechanisms



**27025F**



**27025G**



**27025GF**

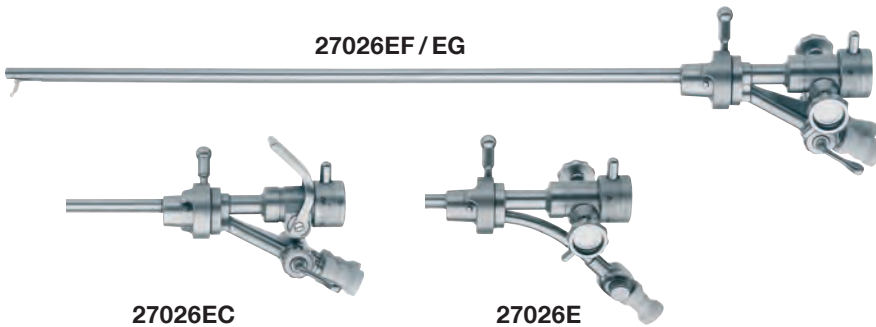
**27025F**      **Telescope Bridge**

**27025G**      **Telescope Bridge**, with 1 lockable channel

**27025GA**      **Telescope Bridge**, with 1 lockable channel

**27025GF**      **Telescope Bridge**, with 2 lockable channels

**27025GFA**      **Telescope Bridge**, with 2 curved lockable channels



**27026EF/EG**

**27026EC**

**27026E**

**27026EF**      **Catheter Deflecting Mechanism**, with ALBARRAN lever, with 2 lockable channels, with ratchet, Rod 270210 is included in delivery

**27026EG**      **Same**, without ratchet

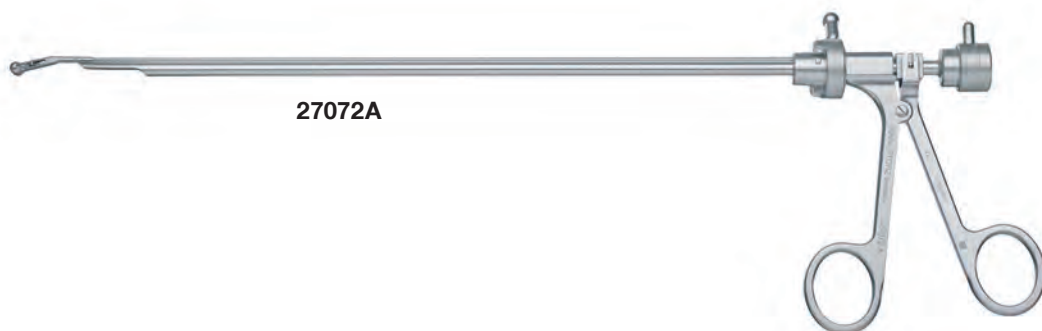
**27026EC**      **Same**, with quick control

**27026E**      **Catheter Deflecting Mechanism**, with ALBARRAN lever, with 1 lockable channel, with ratchet, Rod 270210 is included in delivery

# Telescope Bridges, Catheter Deflecting Mechanisms

For exploration with Sheath 27026U, Telescope Bridge 27025G is used instead of Catheter Deflecting Mechanisms 27026E, 27026EC, 27026EF and 27026EG.

| Sheaths with Obturator          |        | Working channel with Catheter Deflecting Mechanism |                               | Working channel with Telescope Bridge |                       | Color code |
|---------------------------------|--------|--|-------------------------------|---------------------------------------|-----------------------|------------|
|                                 |        | 27026E   | 27026EC<br>27026EF<br>27026EG | 27025G<br>27025GA                     | 27025GF<br>27025GFA   |            |
| <b>27026A</b><br><b>27026AB</b> | 25 Fr. | 1x 10 Fr.  | 2x 8 Fr.<br>1x 10 Fr.         | 1x 12 Fr.                             | 2x 8 Fr.<br>1x 12 Fr. | white      |
| <b>27026B</b><br><b>27026BB</b> | 22 Fr. | 1x 9 Fr.   | 2x 6 Fr.<br>1x 9 Fr.          | 1x 10 Fr.                             | 2x 7 Fr.<br>1x 10 Fr. | blue       |
| <b>27026C</b><br><b>27026CB</b> | 20 Fr. | 1x 6 Fr.   | 2x 5 Fr.<br>1x 6 Fr.          | 1x 7 Fr.                              | 2x 6 Fr.<br>1x 7 Fr.  | red        |
| <b>27026D</b><br><b>27026DB</b> | 19 Fr. | 1x 5 Fr.   | 2x 4 Fr.<br>1x 5 Fr.          | 1x 6 Fr.                              | 2x 5 Fr.<br>1x 6 Fr.  | green      |
| <b>27026U</b>                   | 17 Fr. | –  | –                             | 1x 5 Fr.                              | 1x 5 Fr.              | yellow     |



27072A



27072A

**Optical Biopsy Forceps,**  
double action jaws



27072DU

**Optical Biopsy Forceps,**  
through-cutting, double action jaws



27072F

**Optical Grasping Forceps,**  
double action jaws



27072S

**Optical Scissors,**  
double action jaws



27093GN

**Adaptor,** for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes



27094BY

**Adaptor,** for use with resectoscope sheaths and optical forceps



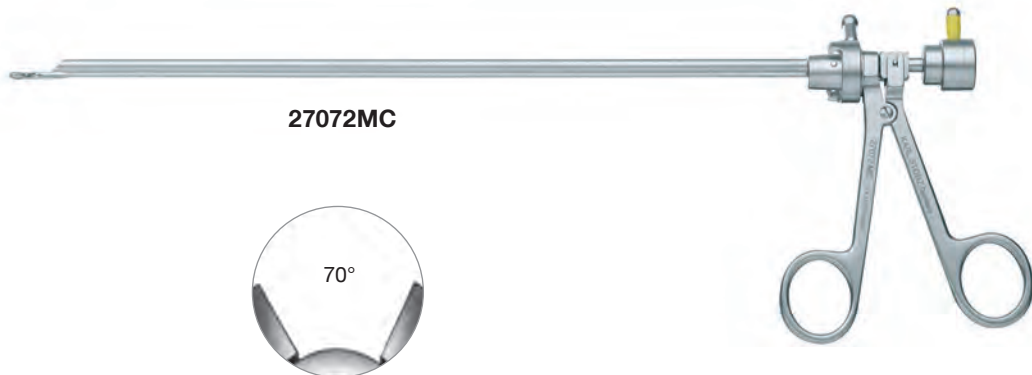
27093SC

**Adaptor,** for use with optical forceps in outer sheaths of Resectoscope Sheaths 27050SC and 27050SD

# Optical Forceps and Scissors

Possible combinations

| Optical Forceps, Scissors | Recommended Telescopes                                | Recommended Cystoscope-Urethroscope Sheaths (without adaptor) | Recommended Resectoscope Sheaths         | Adaptor for use with Resectoscope Sheaths |
|---------------------------|---|---|--|---|
| <b>27072A</b>             | 27005AA<br>27005FA<br>27005FIA<br>27005BA<br>27005BIA | 27026A<br>27026B<br>27026C<br>27026AB<br>27026BB<br>27026CB   | 27040SM<br>(without inner sheath)        | 27093GN                                   |
|                           |   |   | 27050SD<br>(without inner sheath)        | 27093SC                                   |
| <b>27072DU</b>            | 27005AA<br>27005FA<br>27005FIA                        | 27026A<br>27026B<br>27026C<br>27026AB<br>27026BB<br>27026CB   | 27040AO<br>27241AO<br>27040SM<br>27050SM | 27094BY                                   |
|                           |   |   | 27040SD<br>(without inner sheath)        | 27093GN                                   |
|                           |   |   | 27050SD<br>(without inner sheath)        | 27093SC                                   |
| <b>27072F</b>             | 27005AA<br>27005FA<br>27005FIA                        | 27026A<br>27026B<br>27026C<br>27026AB<br>27026BB<br>27026CB   | 27040SM<br>(without inner sheath)        | 27093GN                                   |
|                           |   |   | 27050SD<br>(without inner sheath)        | 27093SC                                   |
| <b>27072S</b>             | 27005AA<br>27005FA<br>27005FIA                        | 27026A<br>27026B<br>27026C<br>27026AB<br>27026BB<br>27026CB   | -  | -   |



27072MC



27072MC

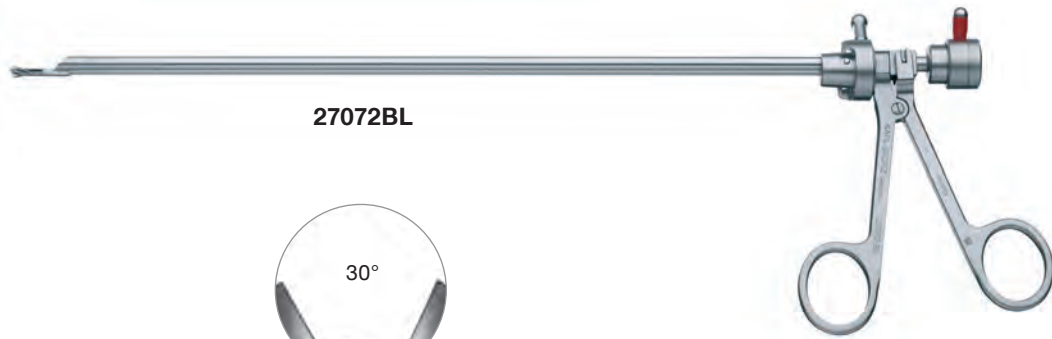
**Optical Biopsy Forceps,**  
with short jaws, MARBERGER sen.,  
double action jaws, for use with HOPKINS®  
Lateral Telescope 70° 27005CA, enlarged view



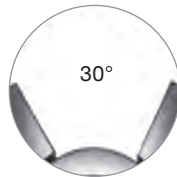
27094BY

**Adaptor,** for use with resectoscope sheaths and  
optical forceps





27072BL



30°



27072BL

**Optical Biopsy Forceps,** with short jaws, MARBERGER sen., double action jaws, for use with HOPKINS® Forward-Oblique Telescope 30° 27005BA, enlarged view



27072BS

**Optical Biopsy Forceps,** extra large jaws, double action jaws, for use with HOPKINS® Forward-Oblique Telescope 30° 27005BA, enlarged view



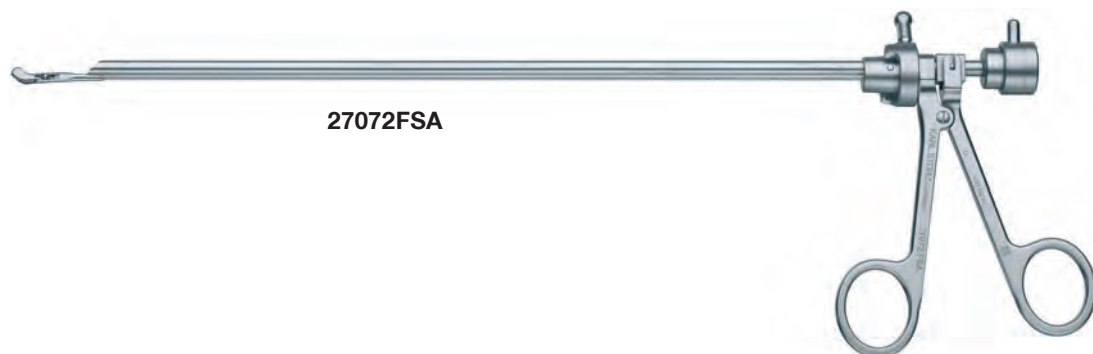
27072BSA

**Optical Biopsy Forceps,** extra large jaws, double action jaws, for use with HOPKINS® Forward-Oblique Telescope 30° 27005BA, enlarged view



27094BY

**Adaptor,** for use with resectoscope sheaths and optical forceps



27072FSA



27072FS

**Optical Grasping Forceps**, double action jaws, for stent removal, for use with HOPKINS® Straight Forward Telescope 0° 27005AA, enlarged view



27072FSA

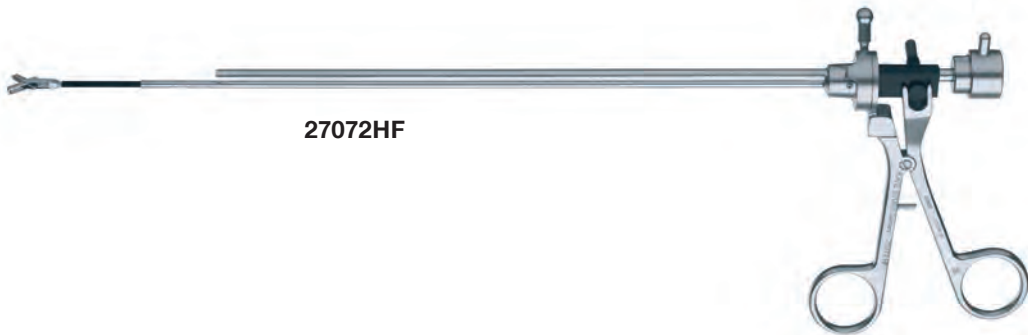
**Optical Grasping Forceps**, double action jaws, for stent removal, for use with HOPKINS® Forward-Oblique Telescope 30° 27005BA, enlarged view



27094BY

**Adaptor**, for use with resectoscope sheaths and optical forceps

# Optical HF Biopsy Forceps



27072HF



27072HF

**Optical Biopsy Forceps,**  
through-cutting, double action jaws,  
for unipolar coagulation



27094BY

**Adaptor,** for use with resectoscope sheaths and  
optical forceps

# Optical Forceps and Scissors

Possible combinations

| Optical Forceps, Scissors | Recommended Telescopes  | Recommended Cystoscope-Urethroscope Sheaths (without adaptor) | Recommended Resectoscope Sheaths   | Adaptor for use with Resectoscope Sheaths |
|---------------------------|---|---|--|---|
| <b>27072MC</b>            | 27005CA<br>27005CIA   | 27026A<br>27026B<br>27026C<br>27026AB<br>27026BB<br>27026CB   | 27040AO / 27040BO<br>27241AO / 27241BO<br>27040SL / 27040SM<br>27040SD<br>27050SL / 27050SM<br>27050SC / 27050SD | 27094BY                                   |
| <b>27072BL</b>            | 27005FA<br>27005FIA<br>27005BA<br>27005BIA                        | 27026A<br>27026B<br>27026C<br>27026AB<br>27026BB<br>27026CB   | 27040AO / 27040BO<br>27241AO / 27241BO<br>27040SL / 27040SM<br>27040SD<br>27050SL / 27050SM<br>27050SC / 27050SD | 27094BY                                   |
| <b>27072BS</b>            | 27005FA<br>27005BA<br>27005FIA<br>27005BIA                        | 27026A<br>27026B<br>27026AB<br>27026BB                        | 27040AO / 27040BO<br>27241AO<br>27040SL / 27040SM<br>27040SD<br>27050SL / 27050SM<br>27050SC / 27050SD           | 27094BY                                   |
| <b>27072BSA</b>           | 27005FA<br>27005FIA<br>27005BA<br>27005BIA                        | 27026A<br>27026B<br>27026AB<br>27026BB                        | 27040AO / 27040BO<br>27241AO<br>27040SL / 27040SM<br>27040SD<br>27050SL / 27050SM<br>27050SC / 27050SD           | 27094BY                                   |
| <b>27072FS</b>            | 27005AA<br>27005AIA   | 27026A<br>27026B<br>27026AB<br>27026BB                        | 27040AO / 27040BO<br>27241AO<br>27040SL / 27040SM<br>27040SD<br>27050SL / 27050SM<br>27050SC / 27050SD           | 27094BY                                   |
| <b>27072FSA</b>           | 27005BA<br>27005BIA   | 27026A<br>27026B<br>27026AB<br>27026BB                        | 27040AO / 27040BO<br>27241AO<br>27040SL / 27040SM<br>27040SD<br>27050SL / 27050SM<br>27050SC / 27050SD           | 27094BY                                   |
| <b>27072HF</b>            | 27005AA<br>27005AIA<br>27005BA<br>27005BIA<br>27005FA<br>27005FIA | 27026A<br>27026B<br>27026C<br>27026AB<br>27026BB<br>27026CB   | 27040BO / 27040BK<br>27241BO / 27241BK<br>27040SL / 27040SD<br>27050SL<br>27050SC / 27050SD                      | 27094BY                                   |



**27028B**



**27028A**

**Visual Obturator**, for 25 Fr. Cystoscope-Urethroscope Sheaths 27026A and 27026AB, color code: white

**27028B**

**Visual Obturator**, for 22 Fr. Cystoscope-Urethroscope Sheaths 27026B and 27026BB, color code: blue

**27028C**

**Visual Obturator**, for 20 Fr. Cystoscope-Urethroscope Sheaths 27026C and 27026CB, color code: red

**27028D**

**Visual Obturator**, for 19 Fr. Cystoscope-Urethroscope Sheaths 27026D and 27026DB, color code: green

## Cystoscope Adaptor



**27026X**

**NICKELL Cystoscope-Adaptor**, for use with Cystoscope-Urethroscope Sheaths 27026A – U, 27026AB – DB and HOPKINS® Telescopes 27005AA, 27005BA and 27005FA



**27035BA**

**Universal Cysto-Urethroscope,**  
with HOPKINS® forward-oblique telescope 30°, enlarged  
view, **autoclavable**, 17 Fr., fiber optic light transmission  
incorporated, 7 Fr. working channel, with sealing caps  
and a LUER cone set,  
color code: red-yellow



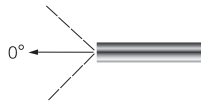
**27035BB**

**Universal Cysto-Urethroscope,**  
with HOPKINS® forward-oblique telescope 30°,  
enlarged view, 30°, **autoclavable**, 20 Fr., fiber optic light  
transmission incorporated, 10 Fr. working channel, with  
sealing caps and a LUER cone set,  
color code: red-red

# HOPKINS® Telescopes and Cysto-Urethroscope Sheaths



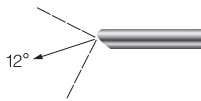
27020BA



0°

27020AA

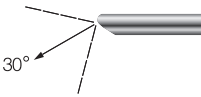
**HOPKINS® Straight Forward Telescope 0°**, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



12°

27020FA

**HOPKINS® Telescope 12°**, enlarged view, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black



30°

27020BA

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

For use with HOPKINS® Telescopes 27020AA, 27020BA and 27020FA



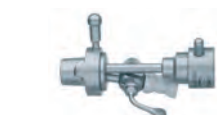
27034AK

**Cystoscope-Urethroscope Sheath, 14 Fr.**, working length 22 cm, with 5 Fr. working channel, with Obturator 27034AO and 2 LUER-Lock cones, color code: blue



27034BK

**Cystoscope-Urethroscope Sheath, 16 Fr.**, length 22 cm, channel with 27034G: 1 x 5 Fr., with Obturator 27034BO and 2 LUER-Lock cones, color code: black



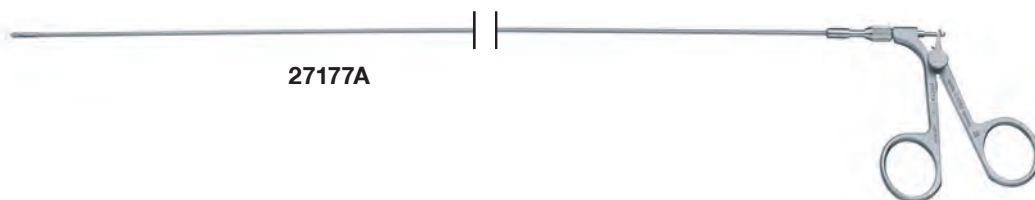
27034G

**Telescope Bridge**, with 1 lockable channel

# Flexible Instruments

Forceps, Injection Cannulas, Scissors, Stone Baskets

For use with Standard Cystoscope 27026 and  
Universal Cysto-Urethroscope 27035BA and 27035BB



27177A



27175A

**Forceps for Foreign Body Removal,**  
flexible, double action jaws,  
7 Fr., length 40 cm

27175B

**Same,** 9 Fr.



27177A

**Biopsy Forceps,**  
flexible, double action jaws,  
7 Fr., length 40 cm

27177B

**Same,** 9 Fr.



27178A

**Scissors,** flexible, single action jaws,  
7 Fr., length 40 cm

27178B

**Same,** 9 Fr.



27182A

**Injection Cannula,** flexible,  
6 Fr., length 50 cm



27023VK



27023VK

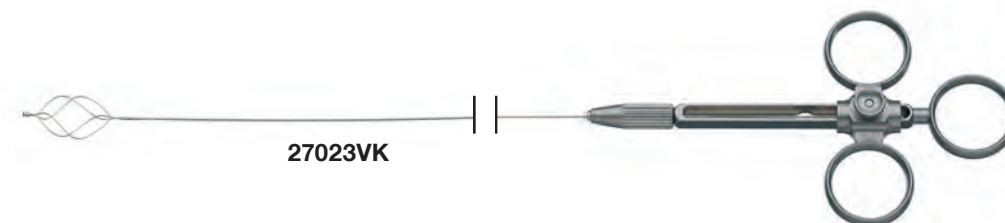
**Stone Basket,** 5 Fr./1.67 mm, length 60 cm

**Included in delivery:**

27023VT **3-Ring Handle**

3x 27023VR **Basket**

3x 27023VS **Coil**





# Semirigid and Flexible Instruments

Forceps, Hook Scissors, Scissors

For use with Universal Cysto-Urethroscope 27035BA and 27035BB



27035L



27035L

**Biopsy Forceps**, semirigid, double action jaws, 7 Fr., length 40 cm



27035F

**Grasping Forceps**, semirigid, double action jaws, 7 Fr., length 40 cm



27035D

**Forceps**, semirigid, through-cutting, single action jaws, 7 Fr., length 40 cm



27035S

**Hook Scissors**, semirigid, serrated, double action jaws, 7 Fr., length 40 cm

For use with Cystoscope-Urethroscope Sheaths 27034 and 27026



27034FL



27034FK

**Forceps for Foreign Body Removal**, flexible, double action jaws, 5 Fr., length 40 cm



27034FL

**Biopsy Forceps**, flexible, double action jaws, 5 Fr., length 40 cm



27034S

**Scissors**, flexible, single action jaws, 5 Fr., length 40 cm

For use with Standard Cystoscope 27026 and  
Universal Cysto-Urethroscopes 27035BA and 27035BB



**27770AA**

**27770AA**

**Button Electrode, unipolar, 3 Fr.,  
length 53 cm**

**27770A**

**Same, 4 Fr.**

**27770B**

**Same, 5 Fr.**

**27770C**

**Same, 6 Fr.**

**27770D**

**Same, 7 Fr.**

**27770E**

**Same, 8 Fr.**

**27770F**

**Same, 10 Fr.**



**27772AA**

**Needle Electrode, unipolar, 3 Fr.,  
length 53 cm**

**27772A**

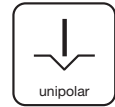
**Same, 5 Fr.**






**27772B**

**Same, 7 Fr.**

# Flexible Instruments

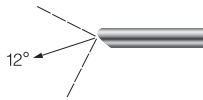
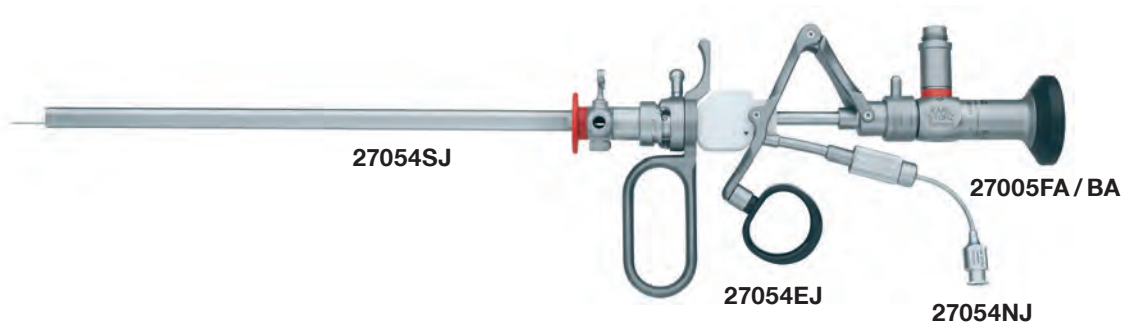
## Unipolar High Frequency Cords



| KARL STORZ Instrument   | High Frequency Surgical Unit  |               |  |
|---|---|---------------|--|
|  |  | <b>26002M</b> | <b>Unipolar High Frequency Cord</b> , with 4 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type T older models       |
|   |  | <b>26004M</b> | <b>Unipolar High Frequency Cord</b> , with 4 mm plug, length 300 cm, compatible with Martin HF units   |
|   |  | <b>26005M</b> | <b>Unipolar High Frequency Cord</b> , with 5 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type ICC and Erbe VIO 301 |
|   |  | <b>26006M</b> | <b>Unipolar High Frequency Cord</b> , with 8 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Valleylab units                |

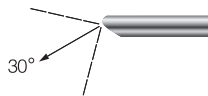
**Please note:** All high frequency cords are delivered with a length of 300 cm. If a length of 500 cm is requested, please add the letter L to the part number, e.g., 26002ML.

# Instrument Set for Transurethral Viscous Fluid Injection



**27005FA**

**HOPKINS® Telescope 12°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black



**27005BA**

**HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

**27054NJ**



**27054EJ**

**Working Element**, with channel for Injection Needle 27054NJ

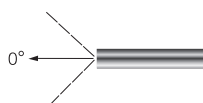
**27054SJK**

**Operating Sheath**, 20 Fr., with Obturator 27054JO, for use with Working Element 27054EJ

**27054NJ**

**Injection Needle**, semirigid, 4 Fr., distal end 2 Fr., with rotatable LUER-Lock connection, for use with Working Element 27054EJ

With the UroLift® system from the company Neotract®, KARL STORZ offers special instrumentation for the treatment of Benign Prostatic Hyperplasia (BPH).



**27324AA**

**HOPKINS® Straight Forward Telescope 0°**, diameter 2.9 mm, length 36 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



**27026CK**



**27028CN**

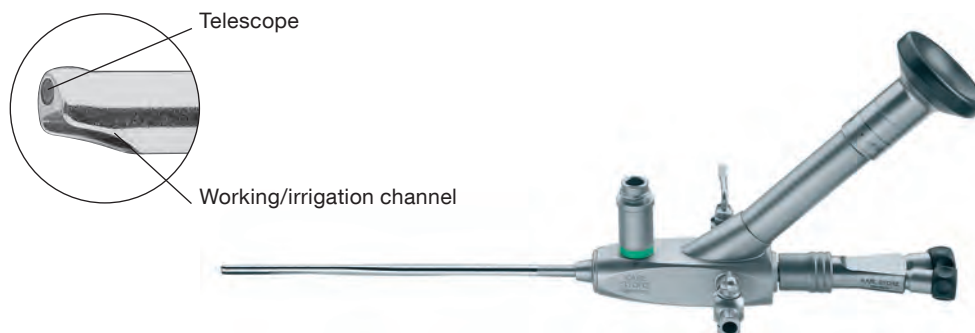
**27026CK**

**Cystoscope-Urethroscope Sheath**, 20 Fr., with Obturator 27026CO and 2 LUER-Lock cones, color code: red

**27028CN**

**Visual Obturator**, for Cystoscope-Urethroscope Sheath 20 Fr. 27026C and HOPKINS® Straight Forward Telescope 27324AA, color code: red

8 Fr.



**27030KAK**

**Cysto-Urethroscope, 8 Fr., 6°, 1 step, 8 – 12 Fr., length 13 cm, autoclavable, with angled eyepiece, fiber optic light transmission incorporated, with 2 lateral irrigation ports and 1 working channel 5 Fr., for use with instruments up to 4 Fr.**

The following products are included in delivery:



**27001G**

**Instrument Port with Sealing System and Quick Release Lock, 1 channel**



**27550N**

**Seal, for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10**

**27500**

**LUER-Lock Tube Connector, male, tube diameter 9 mm**

**27502**

**LUER-Lock Tube Connector, with stopcock, dismantling**



**27001RA**

**Cleaning Adaptor**



**27001E**

**Insertion Aid, for guide wires**

The following optional products are available:



**27001GF**

**Instrument Port with Sealing System and Quick Release Lock, 2 channels**



**27001GH**

**Instrument Port with Sealing System and Quick Release Lock, 2 channels, 1 straight channel, 1 lateral channel**

For use with Cysto-Urethroscope 27030KA



27071TJ

**Forceps for Foreign Body Removal,**  
double action jaws, flexible, 3 Fr., length 28 cm



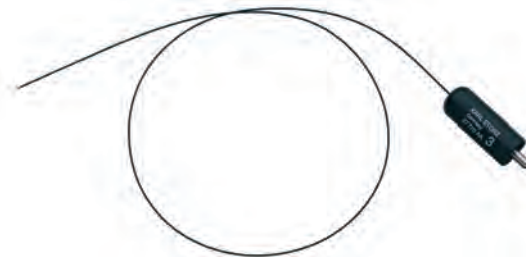
27071ZJ

**Biopsy Forceps,** double action jaws, flexible, 3 Fr.,  
length 28 cm



27030EL

**Hook Electrode,** unipolar,  
3 Fr., for single use,  
package of 6



27770AA

**Button Electrode,** unipolar,  
3 Fr., length 53 cm



27030M

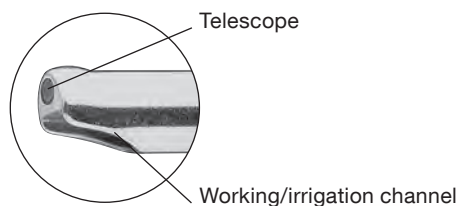
**Knife,** triangular, 3 Fr.,  
for single use, package of 6



27030N

**Injection Needle,** rigid, 3 Fr.,  
for single use, package of 6

9.5 Fr.



**27030KBK**

**Cysto-Urethroscope**, 9.5 Fr., 6°, 1 step, 9.5 – 12 Fr., length 13 cm, **autoclavable**, with angled eyepiece, fiber optic light transmission incorporated, with 2 lateral irrigation ports and 1 working channel 6 Fr., for use with instruments up to 5 Fr.

The following products are included in delivery:



**27001G**

**Instrument Port with Sealing System and Quick Release Lock**, 1 channel



**27550N**

**Seal**, for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10

**27500**

**LUER-Lock Tube Connector**, male, tube diameter 9 mm

**27502**

**LUER-Lock Tube Connector**, with stopcock, dismantling



**27001RA**

**Cleaning Adaptor**



**27001E**

**Insertion Aid**, for guide wires

The following optional products are available:



**27001GF**

**Instrument Port with Sealing System and Quick Release Lock**, 2 channels



**27001GH**

**Instrument Port with Sealing System and Quick Release Lock**, 2 channels, 1 straight channel, 1 lateral channel



For use with Cysto-Urethroscope 27030KB



27095F

**Forceps**, for grasping stone fragments, double action jaws, 5 Fr., length 30 cm



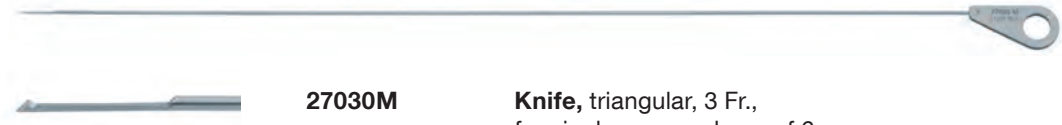
27095P

**Forceps**, for grasping larger stones and fragments, double action jaws, 5 Fr., length 30 cm



27095Z

**Biopsy Forceps**, double action jaws, 5 Fr., length 30 cm



27030M

**Knife**, triangular, 3 Fr., for single use, package of 6



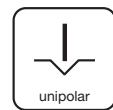
27030N

**Injection Needle**, rigid, 3 Fr., for single use, package of 6



27030EL

**Hook Electrode**, unipolar, 3 Fr., for single use, package of 6



27770AA

**Button Electrode**, unipolar, 3 Fr., length 53 cm

27770A

**Same**, 4 Fr.

27770B

**Same**, 5 Fr.



27772AA

**Needle Electrode**, unipolar, 3 Fr., length 53 cm

27772A

**Same**, 5 Fr.

# Cysto-Urethroscope

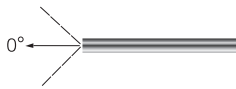
HOPKINS® Telescope

7/9 Fr.,

for use with Cystoscope-Urethroscope Sheaths 27029CNK and 27029DNK



27301AA



27301AA

**HOPKINS® Straight Forward Telescope 0°**, diameter 1.9 mm, length 12 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

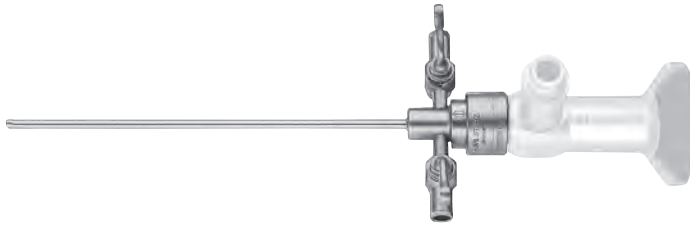


27301BA

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 1.9 mm, length 12 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

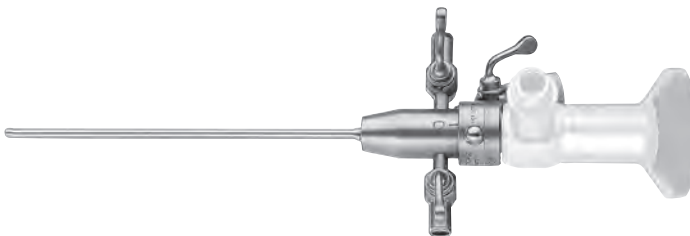
# Cysto-Urethroscope

Cysto-Urethroscope Sheath



**27029CNK**

**Cystoscope-Urethroscope Sheath,**  
for examination and irrigation, 7 Fr.,  
working length 10 cm, with Obturator 27029OC  
and 2 LUER-Lock cones,  
color code: blue



**27029DNK**

**Cystoscope-Urethroscope Sheath,**  
for examination and irrigation, 9 Fr., working channel  
3 Fr., working length 9 cm, with Obturator 27029OD  
and 2 LUER-Lock cones,  
color code: red



**27071TJ**

**Forceps for Foreign Body Removal,**  
double action jaws, flexible, 3 Fr., length 28 cm



**27071ZJ**

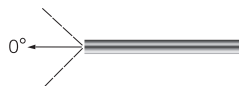
**Biopsy Forceps,** double action jaws, flexible, 3 Fr.,  
length 28 cm



**27770AA**

**Button Electrode,** unipolar, 3 Fr.,  
length 53 cm





**27033AA**

**Miniature Straight Forward Telescope 0°**, diameter 1.2 mm, length 20 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



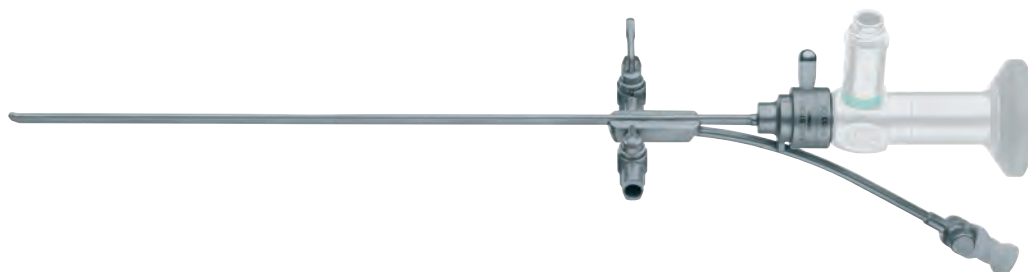
**27033CK**

**27033CK**

**Cystoscope-Urethroscope Sheath, 8 Fr.**, with 4 Fr. working channel, working length 16 cm, with Obturator 27033CO and 2 LUER-Lock cones, color code: blue

**27033DK**

**Cystoscope-Urethroscope Sheath, 9 Fr.**, with 5 Fr. working channel, working length 16 cm, with Obturator 27033DO and 2 LUER-Lock cones, color code: red



**27033CRK**

**Cystoscope-Urethroscope Sheath, 8 Fr.**, for reflux needles, with 4 Fr. working channel, working length 16 cm, with Obturator 27033CRO and 2 LUER-Lock cones, color code: white

For use with Cystoscope-Urethroscope Sheaths 27033CK and 27033DK,  
and Reflux Cystoscope-Urethroscope Sheath 27033CRK



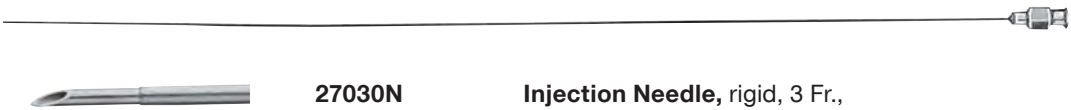
27071TJ

**Forceps for Foreign Body Removal,**  
double action jaws, flexible, 3 Fr., length 28 cm



27071ZJ

**Biopsy Forceps,** double action jaws, flexible, 3 Fr.,  
length 28 cm



27030N

**Injection Needle,** rigid, 3 Fr.,  
for single use, package of 6



27030EL

**Hook Electrode,** unipolar,  
3 Fr., for single use,  
package of 6



27770AA

**Button Electrode,** unipolar,  
3 Fr., length 53 cm

27770A

**Same,** 4 Fr.



27772AA

**Needle Electrode,** unipolar,  
3 Fr., length 53 cm

For use with Cystoscope-Urethroscope Sheaths 27033CK and 27033DK



27030M

**Knife,** triangular, 3 Fr.,  
for single use, package of 6

For use with Cystoscope-Urethroscope Sheath 27033DK



27770B

**Button Electrode,** unipolar,  
5 Fr., length 53 cm



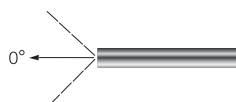
27772A

**Needle Electrode,** unipolar,  
5 Fr., length 53 cm

9.5 / 11 Fr.

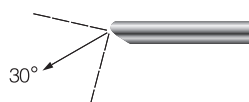


27017AA



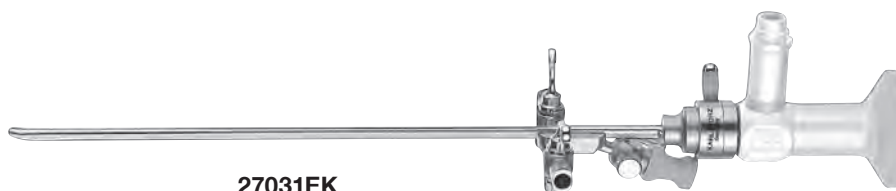
27017AA

**HOPKINS® Straight Forward Telescope 0°**, diameter 1.9 / 2.1 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



27017BA

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 1.9 / 2.1 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



27031EK



27031EK

**Cystoscope-Urethroscope Sheath, 9.5 Fr.**, working length 14 cm, with 4 Fr. working channel, with Obturator 27031EO and 2 LUER-Lock cones, color code: blue-white

27031FK

**Cystoscope-Urethroscope Sheath, 11 Fr.**, working length 14 cm, with 5 Fr. working channel, with Obturator 27031FO and 2 LUER-Lock cones, color code: red-white

9.5/11 Fr.,  
for use with Cystoscope-Urethroscope Sheaths 27031EK and 27031FK



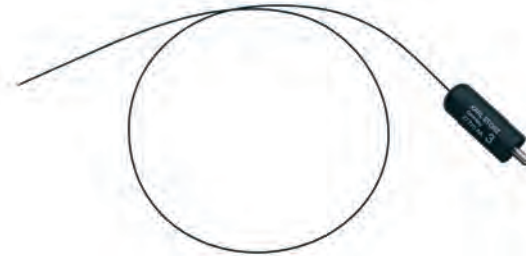
27071TJ

**Forceps for Foreign Body Removal**, double action jaws, flexible, 3 Fr., length 28 cm



27071ZJ

**Biopsy Forceps**, double action jaws, flexible, 3 Fr., length 28 cm



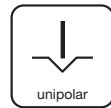
27770AA

**Button Electrode**, unipolar, 3 Fr., length 53 cm



27772AA

**Needle Electrode**, unipolar, 3 Fr., length 53 cm



# Cysto-Urethroscope

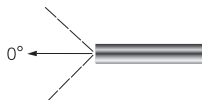
HOPKINS® Telescope

11 / 13 / 14.5 Fr.,

for use with Cystoscope-Urethroscope Sheaths 27032KK and 27032LK



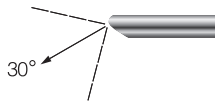
27018AA



0°

27018AA

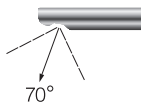
**HOPKINS® Straight Forward Telescope 0°**, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



30°

27018BA

**HOPKINS® Forward-Oblique Telescope 30°**, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



70°

27018CA

**HOPKINS® Lateral Telescope 70°**, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow



# Cysto-Urethroscope

## Cysto-Urethroscope Sheath

For use with HOPKINS® Telescopes 27018AA, 27018BA and 27018CA



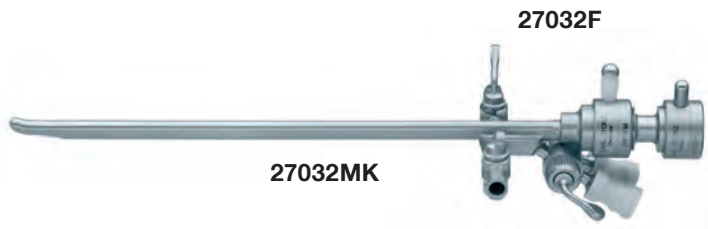
27032K

27032KK

**Cystoscope-Urethroscope Sheath**, 11 Fr., working length 14 cm, with 3 Fr. working channel, with Obturator 27032OK and 2 LUER-Lock cones, color code: red

27032LK

**Cystoscope-Urethroscope Sheath**, 13 Fr., working length 14 cm, with 4 Fr. working channel, with Obturator 27032LO and 2 LUER-Lock cones, color code: green



27032F

27032MK

27032MK

**Cystoscope-Urethroscope Sheath**, 14.5 Fr., working length 14 cm, with working channel, working channel with Examination Insert 27032F, 5 Fr., working channel with Working Insert 27032EK, 3 Fr., with Obturator 27032MO and 2 LUER-Lock cones, color code: white

27032F

**Telescope Bridge**, for use with Cystoscope-Urethroscope Sheath 27032M

**Please note:** Cystoscope-Urethroscope Sheath 27032MK requires the use of Catheter Deflecting Mechanism 27032EK or Telescope Bridge 27032F.

11 / 13 / 14.5 Fr.,  
for use with Cystoscope-Urethroscope Sheaths 27032KK, 27032LK and 27032MK



**27032EK**      **Catheter Deflecting Mechanism**, with ALBARRAN lever for instruments 3 Fr., for use with Cystoscope-Urethroscope Sheath 27032M



**27032F**      **Telescope Bridge**, for use with Cystoscope-Urethroscope Sheath 27032M



**27071TJ**      **Forceps for Foreign Body Removal**, double action jaws, flexible, 3 Fr., length 28 cm



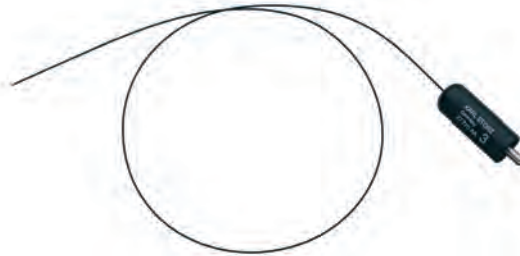
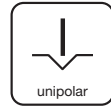
**27071ZJ**      **Biopsy Forceps**, double action jaws, flexible, 3 Fr., length 28 cm

11/13/14.5 Fr.,  
for use with Cystoscope-Urethroscope Sheaths 27032KK, 27032LK and 27032MK



**27030EL**

**Hook Electrode**, unipolar,  
3 Fr., for single use,  
package of 6



**27770AA**

**Button Electrode**, unipolar,  
3 Fr., length 53 cm



**27772AA**

**Needle Electrode**, unipolar,  
3 Fr., length 53 cm



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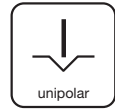
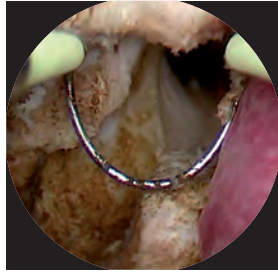
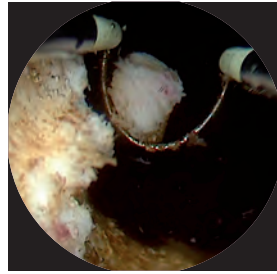
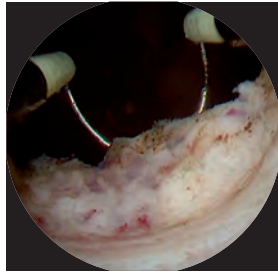
# 03 Resectoscopes

|  |       |
|--|-------|
| Transurethral Resection (TUR)                          | 56    |
| Unipolar (Working Elements, Electrodes)                | 57-60 |
| Bipolar (Working Elements, Electrodes)                 | 61-64 |
| Resectoscope Sheaths, Obturators,<br>Visual Obturators | 65-71 |
| Resectoscope, MUNICH Model                             | 72-73 |
| Resectoscopes, extra long, 26 Fr.                      | 74-78 |
| Resectoscopes, slender, 22 Fr.                         | 79-82 |
| Resectoscopes, small, 9 – 13 Fr.                       | 83-90 |
| High Frequency Cords                                   | 91    |
| Suprapubic Aspiration                                  | 92    |

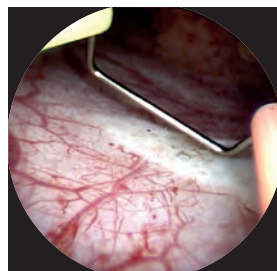
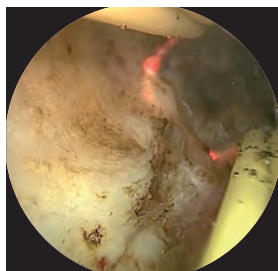
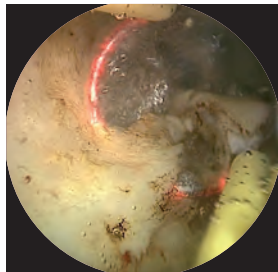
# Transurethral Resection (TUR)

Unipolar and Bipolar TUR

## Unipolar TUR



## Bipolar TUR



# Working Elements, unipolar

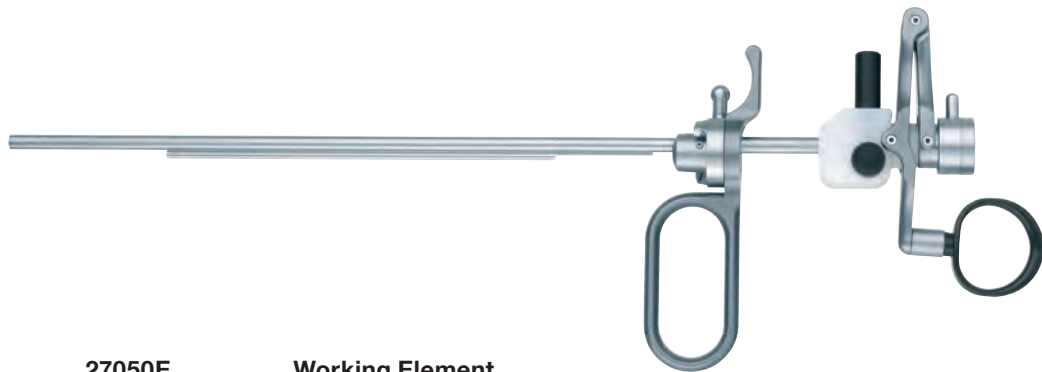
for one-stem electrodes with stabilizers

For use with HOPKINS® Forward-Oblique Telescopes  
27005BA, 27005BIA, 27005FA and 27005FIA



## Cutting by means of a spring. Movable thumb ring

In rest position the electrode is inside the sheath

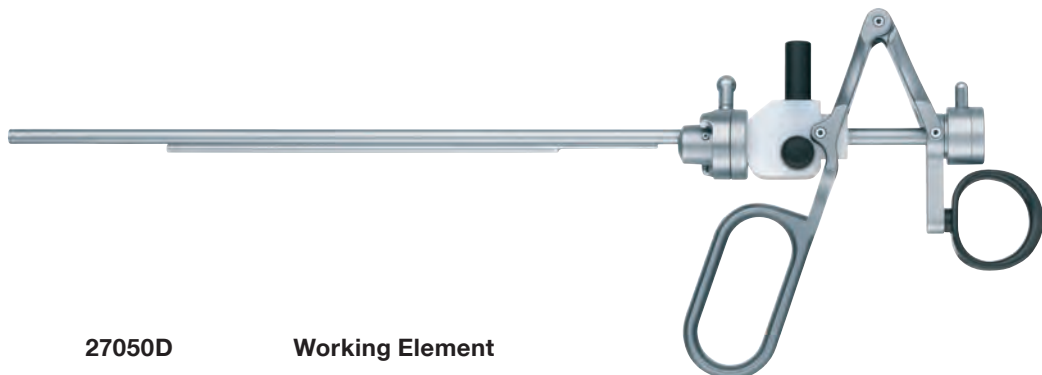


27050E

**Working Element**  
(also for use with optical  
urethrotomes)

## Cutting by means of a finger grip. Movable thumb ring

In rest position the electrode is outside the sheath.



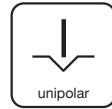
27050D

**Working Element**

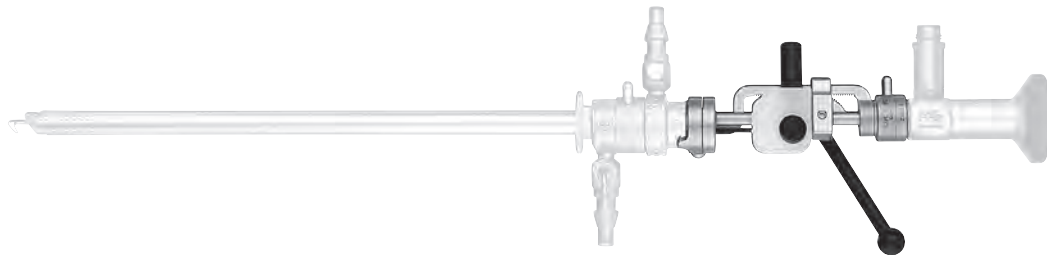
# Working Element, unipolar

for one-stem electrodes with stabilizers

For use with HOPKINS® Forward-Oblique Telescopes  
27005BA, 27005BIA, 27005FA and 27005FIA



Cutting by means of rack and pinion



27050C

Working Element



# Electrodes, unipolar

One-stem electrodes with stabilizers,  
for Working Elements 27050C, 27050D and 27050E

For use with 24 – 28 Fr. resectoscope sheaths



The cutting loops are delivered with a wire diameter of 0.35 mm.

| Working end | 24 / 26 Fr.<br>color code:<br>yellow | 27 / 28 Fr.<br>color code:<br>brown | Instrument description  |
|-------------|--------------------------------------|-------------------------------------|---|
|             | 27050G                               | 27050F                              | <b>Cutting Loop,</b><br>angled                                |
|             | 27050GS                              | –                                   | <b>THOMAS Cutting Loop,</b><br>angled, small                  |
|             | 27050J                               | –                                   | <b>Cutting Loop,</b><br>longitudinal                          |
|             | 27050L                               | 27050K                              | <b>Coagulation Electrode,</b><br>pointed                      |
|             | 27050S                               | –                                   | <b>Coagulation Electrode,</b><br>conical                      |
|             | 27050N                               | 27050M                              | <b>Coagulation Electrode,</b><br>ball-shaped, diameter 3 mm   |
|             | 27050NK                              | 27050MK                             | <b>Coagulation Electrode,</b><br>ball-shaped, diameter 5 mm   |
|             | 27050NX                              | –                                   | <b>Coagulation Electrode,</b><br>barrel-shaped, diameter 3 mm |
|             | 27050GR                              | –                                   | <b>LOZZI Needle Electrode</b>                                 |
|             | 27050NW                              | 27050MW                             | <b>Coagulation Electrode,</b><br>barrel-shaped, diameter 5 mm |
|             | 27050TL                              | –                                   | <b>Cutting Loop,</b><br>curved to left                        |
|             | 27050TR                              | –                                   | <b>Cutting Loop,</b><br>curved to right                       |

Electrodes are delivered in packages of 6.

**Note:** Electrodes, in sterile packaging, are also available for single use.

# Electrodes, unipolar

One-stem electrodes with stabilizers,  
for Working Elements 27050C, 27050D and 27050E

For use with 24 – 26 Fr. resectoscope sheaths



| Working end | 24 / 26 Fr.<br>color code:<br>yellow | Instrument description                        |
|-------------|--------------------------------------|---|
|             | 27050DG                              | <b>Cutting Loop</b> , diameter 0.8 mm         |
|             | 27050VG                              | <b>Spike Electrode</b> , diameter 5 mm        |
|             | 27050RG                              | <b>Roller Electrode</b> , diameter 5 mm       |
|             | 27050RK                              | <b>Roller Electrode</b> , diameter 3 mm       |
|             | 27050SG                              | <b>VAPORCUT® Electrode</b> , bandwidth 1.2 mm |
|             | 27050BG                              | <b>VAPORCUT® Electrode</b> , bandwidth 0.6 mm |
|             | 27050KG                              | <b>Roller Cutting Electrode</b>               |
|             | 27050WG                              | <b>VAPORCUT® Electrode</b>                    |

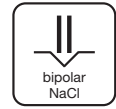
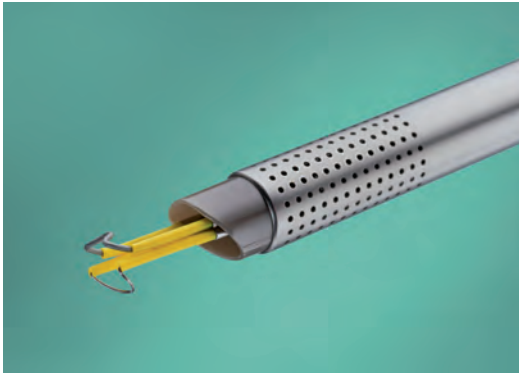


280

**Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

**Note:** Electrodes, in sterile packaging, are also available for single use.



### New bipolar electrodes

- Can be used for 12° and 30° telescopes
- New design for neutral electrodes

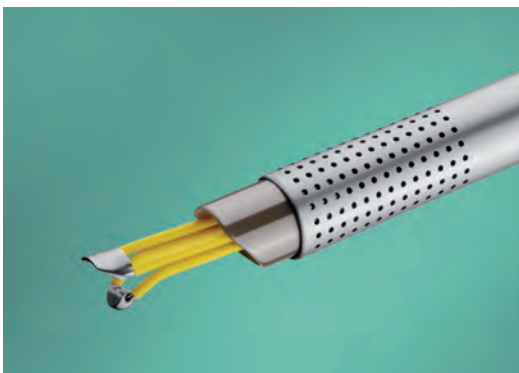


### The right electrode for every indication

- Wide range of electrodes



- Automatic current regulation during cutting



- Special design of the active electrode enables vaporization

# Working Element, bipolar

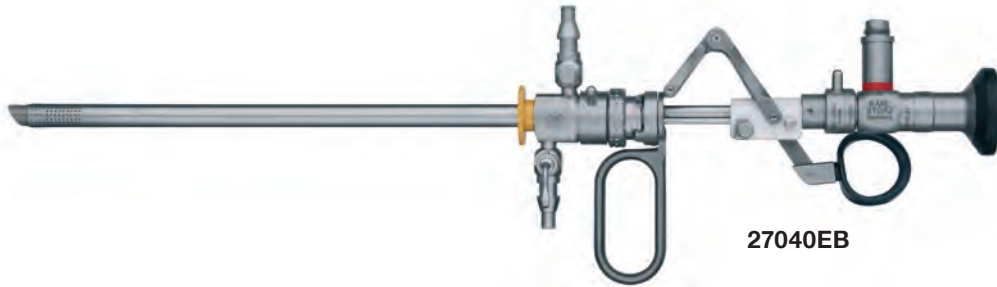
for two-stem electrodes with stabilizers

For use with HOPKINS® Forward-Oblique Telescopes  
27005BA, 27005BIA, 27005FA, 27005FIA and AUTOCON® III 400 SCB



**Cutting by means of a spring. Movable thumb ring**

In rest position the electrode is inside the sheath.



27040EB

27040EB

Working Element

39040RA

Cleaning Adaptor, for use with working element, bipolar

# Working Element, bipolar

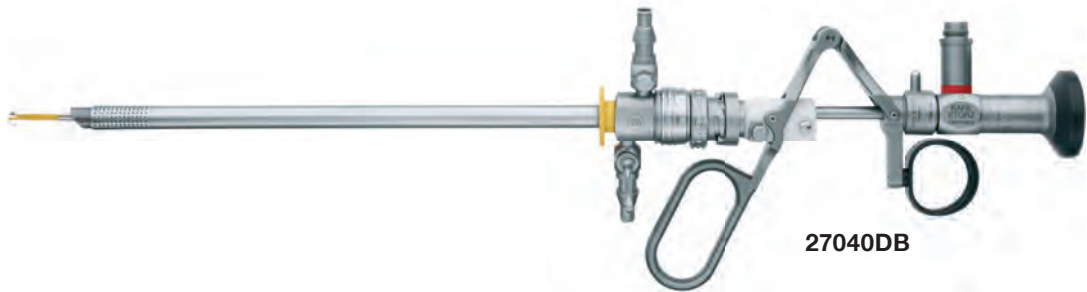
for two-stem electrodes with stabilizers

For use with HOPKINS® Forward-Oblique Telescopes  
27005BA, 27005BIA, 27005FA, 27005FIA and AUTOCON® III 400 SCB



**Cutting by means of a finger grip. Movable thumb ring**

In rest position the electrode is outside the sheath.



**27040DB**

**Working Element**

**39040RA**

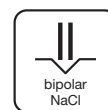
**Cleaning Adaptor, for use with working element, bipolar**

# Electrodes, bipolar










Two-stem electrodes with stabilizers, for Working Elements 27040DB, 27040EB

## For use with 24 – 28 Fr. resectoscope sheaths

The cutting loops are delivered with a wire diameter of 0.35 mm.  
Loops with 30 as the last digit of the order number and orange insulation indicate a wire diameter of 0.30 mm.



27040GP1

| Working end   | 24 / 26 Fr.<br>color code:<br>yellow | 27 / 28 Fr.<br>color code:<br>brown | Instrument description   |
|---|--------------------------------------|-------------------------------------|--|
|    | 27040GP1                             | 27040GPB1                           | Cutting Loop, bipolar  |
|    | 27040GP140                           | –                                   | Cutting Loop, bipolar  |
|    | 27040GD1                             | –                                   | Cutting Loop, bipolar, small                                       |
|   | 27040BL1                             | –                                   | Coagulation Electrode, bipolar, pointed                            |
|  | 27040GP130                           | –                                   | Cutting Loop, bipolar, diameter 0.30 mm                            |
|  | 27040JB130                           | –                                   | Cutting Loop, bipolar, longitudinal, diameter 0.30 mm              |
|  | 27040JBE130                          | –                                   | Cutting Loop, bipolar, rectangular, longitudinal, diameter 0.30 mm |
|  | 27040NB                              | –                                   | Vaporization Electrode HALF MOON®, bipolar, ball-shaped            |
|  | 27040VE                              | –                                   | VapoEnucleation Electrode, hemispherical                           |



280

**Protection Tube**, for sterilization and storage of electrodes, loops, currettes and knives

Electrodes are delivered in packages of 6.

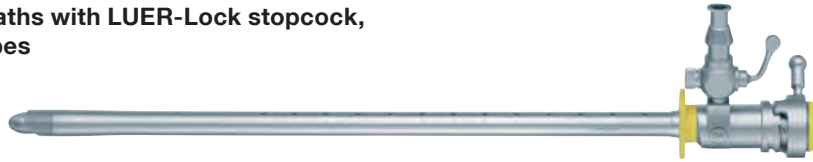
**Note:** Electrodes, in sterile packaging, are also available for single use.

# Resectoscope Sheaths

**Special Features:**

- Sheath can be combined with Working Elements 27040 and 27050

**Resectoscope Sheaths with LUER-Lock stopcock, including inflow tubes**



**27040BOK**

**27040AOK**      **Resectoscope Sheath, 27 Fr., oblique beak, working length 20 cm, with Obturator 27040OA, color code: black**



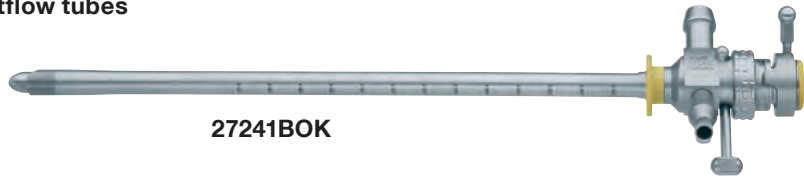
**27040BOK**      **Resectoscope Sheath, 24 Fr., oblique beak, working length 20 cm, with Obturator 27040OC, color code: yellow**

**27040AKK**      **Resectoscope Sheath, 27 Fr., short beak, working length 20 cm, with Obturator 27040OB, color code: black**



**27040BKK**      **Resectoscope Sheath, 24 Fr., short beak, working length 20 cm, with Obturator 27040OD, color code: yellow**

**Resectoscope Sheaths with central stopcock, including in- and outflow tubes**



**27241BOK**

**27241AOK**      **Resectoscope Sheath, 27 Fr., oblique beak, working length 20 cm, with Obturator 27040OA, color code: black**



**27241BOK**      **Resectoscope Sheath, 24 Fr., oblique beak, working length 20 cm, with Obturator 27040OC, color code: yellow**



**27241BKK**      **Resectoscope Sheath, 24 Fr., short beak, working length 20 cm, with Obturator 27040OD, color code: yellow**

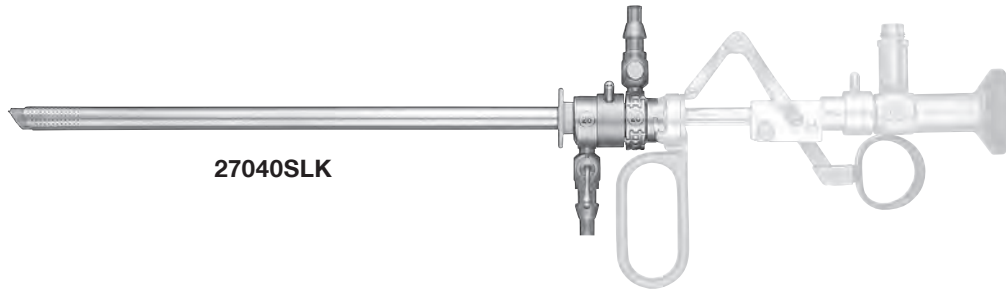
The resectoscope sheaths can be used with unipolar and bipolar working elements.

# Resectoscope Sheaths with Fixed Inner Sheaths

for continuous irrigation and suction

## Special Features:

- For better service:  
Exchangeable inner sheath
- Sheath can be combined with  
Working Elements 27040 and 27050
- Fixed inner sheath



**27040SLK**

**27040SLK**

**Resectoscope Sheath**, including tube for in- and outflow, 26 Fr., oblique beak, fixed inner sheath with ceramic insulation, color code: yellow

**27040SDK**

**Same**, for use with Working Elements 27050D, 27040D and 27040DB

**27040XA**

**Inner Sheath**, fixed, with ceramic insulation, for use with resectoscope outer sheath of 27040SL

**27040SMK**

**Resectoscope Sheath**, including tube for in- and outflow, 28 Fr., oblique beak, fixed inner sheath with ceramic insulation, color code: black

**27040XB**

**Inner Sheath**, fixed, with ceramic insulation, for use with resectoscope outer sheath of 27040SM



**27093GN**

**Adaptor**, for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes



**27040LB**

**Adaptor**, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27040SL, 27040SD and 27050SL



**27094BY**

**Adaptor**, for use with resectoscope sheaths and optical forceps

The resectoscope sheaths can be used with unipolar and bipolar working elements.

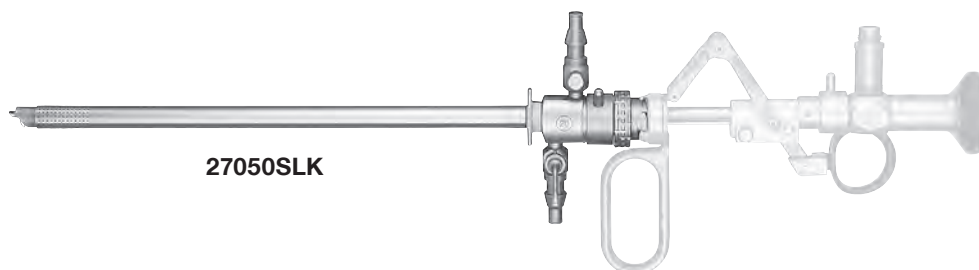


# Resectoscope Sheaths with Rotating Inner Sheaths

for continuous irrigation and suction

## Special Features:

- For better service:  
Exchangeable inner sheath
- Sheath can be combined with  
Working Elements 27040 and 27050
- Rotating inner sheath



27050SLK

**27050SLK** **Resectoscope Sheath**, including tube for in- and outflow, 26 Fr., oblique beak, rotating inner sheath with ceramic insulation, color code: yellow

**27050XA** **Inner Sheath**, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27050SL

**27050SMK** **Resectoscope Sheath**, including tube for in- and outflow, 28 Fr., oblique beak, rotating inner sheath with ceramic insulation, color code: black

**27050XB** **Inner Sheath**, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27050SM



**27093GN** **Adaptor**, for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes



**27040LB** **Adaptor**, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27040SL, 27040SD and 27050SL



**27094BY** **Adaptor**, for use with resectoscope sheaths and optical forceps

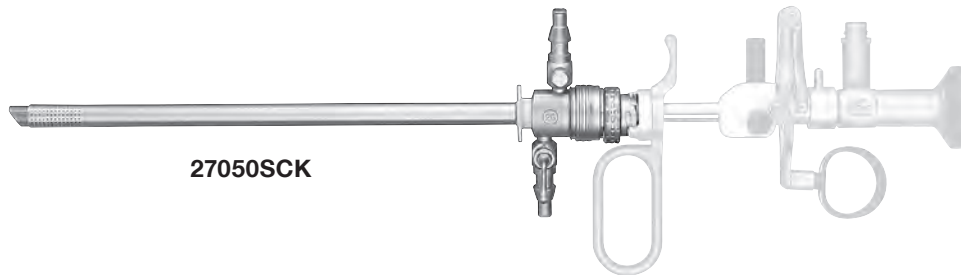
The resectoscope sheaths can be used with unipolar and bipolar working elements.

# Resectoscope Sheaths with Rotating Inner Sheaths and Click Mechanism

for continuous irrigation and suction

## Special Features:

- Sheath can be connected in any position
- Rotating inner sheath
- For better service: Exchangeable inner sheath
- Sheaths can be combined with Working Elements 27040 and 27050



27050SCK

### 27050SCK

**Resectoscope Sheath**, including tube for in- and outflow, 26 Fr., oblique beak, rotating inner sheath with ceramic insulation, quick-release lock  
color code: yellow

### 27050CA

**Inner Sheath**, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27050SC

### 27050SDK

**Resectoscope Sheath**, including tube for in- and outflow, 28 Fr., oblique beak, rotating inner sheath with ceramic insulation, quick-release lock  
color code: black

### 27050CB

**Inner Sheath**, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27050SD

The resectoscope sheaths can be used with unipolar and bipolar working elements.

**Adaptors, for use with resectoscope sheaths with rotating inner sheath and quick-release lock**



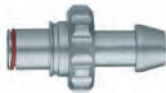
**27040SC**

**Adaptor**, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27050SC and 27050SD



**27050LC**

**Adaptor**, for use with bladder syringes with resectoscope outer sheaths of 27050SC, 27050SD and 27054SC



**27050ALC**

**Adaptor**, for use with ELLIK evacuator with resectoscope outer sheath of 27050SC



**27093SC**

**Adaptor**, for use with optical forceps with resectoscope outer sheaths of 27050SC and 27050SD



**27094BY**

**Adaptor**, for use with resectoscope sheaths and optical forceps

**Adaptor, for use with resectoscope sheaths with rotating inner sheath**



**27093GN**

**Adaptor**, for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes



**27040LB**

**Adaptor**, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27040SL, 27040SD and 27050SL

**39040RA**

**Cleaning Adaptor**, for use with working element, bipolar

**Cleaning Adaptor, for use with bipolar working elements**

**39040RA**

**Cleaning Adaptor**, for use with working element, bipolar

For use with 24 – 28 Fr. resectoscope sheaths



**270400A**

**270400A**      **Standard Obturator**, for 27/28 Fr. Sheaths 27040AO, 27241AO, 27240AO, 27040SM, 27050SM, 27050SD, color code: black

**270400B**      **Standard Obturator**, for 27 Fr. Sheaths, 27040AK, 27241AK, color code: black

**270400C**      **Standard Obturator**, for 24/26 Fr. Sheaths 27040BO, 27241BO, 27240BO, 27040SD, 27040SL, 27050SL, 27050SC, color code: yellow

**270400D**      **Standard Obturator**, for 24 Fr. Sheaths 27040BK, 27241BK, color code: yellow

**27048CO**      **Deflecting Obturator**, for 27/28 Fr. Sheaths 27040AO, 27241AO, 27240AO, 27040SE, 27040SM, 27050SM, 27050SD, color code: black

**27048BK**      **Deflecting Obturator**, for 24 Fr. Sheaths, 27040BK, 27241BK, color code: yellow

**27048CK**      **Deflecting Obturator**, for 24/26 Fr. Sheaths 27040BO, 27241BO, 27240BO, 27040SD, 27040SL, 27050SL, 27050SC, color code: yellow



**27049BO**      **LEUSCH Atraumatic Distending Obturator**, for 24/26 Fr. Sheaths 27040BO, 27241BO, 27240BO, 27040SD, 27040SL, 27050SL, 27050SC, color code: yellow

**For use with 24 – 28 Fr.**

When HOPKINS® Telescopes 27005AA, 27005AIA, 27005BA, 27005BIA, 27005FA and 27005FIA are used in conjunction with visual obturators, sheaths can be introduced under visual control.



**27050AK**

**27050AK** SCHMIEDT **Visual Obturator**, for 27/28 Fr. sheaths

**27050BK** SCHMIEDT **Visual Obturator**, for 24/26 Fr. sheaths



**27051A**

**27051A** SCHMIEDT **Visual Obturator**, with channel for flexible instruments, for 27/28 Fr. sheaths, with 9 Fr. working channel, including 2 additional seals

**27051B** SCHMIEDT **Visual Obturator**, with channel for flexible instruments, for 24/26 Fr. sheaths, with 6 Fr. working channel, including 2 additional seals

**PV27051B** SCHMIEDT **Visual Obturator**, with channel for flexible instruments, for use with 24/26 Fr. Resectoscope Sheaths 27040BP, 27051PL



**27050AE**

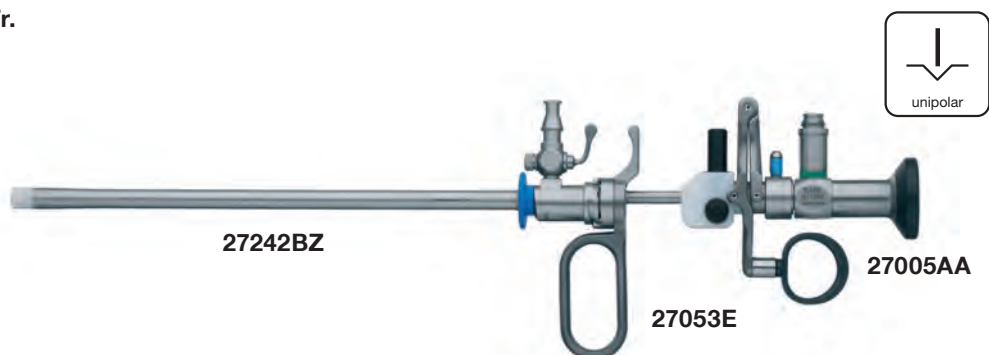
**27050AE** ESHGI **Visual Obturator**, for 27/28 Fr. sheaths

**27050BE** ESHGI **Visual Obturator**, for 24/26 Fr. sheaths

# Resectoscope, MUNICH Model

Telescope, Working Element and Electrodes

24/26 Fr.






**2705AA**      **HOPKINS® Straight Forward Telescope 0°**,  
enlarged view, diameter 4 mm, length 30 cm, **autoclavable**,  
fiber optic light transmission incorporated,  
color code: green

**Cutting by means of a spring. Movable thumb ring**

In rest position the electrode is inside the sheath.

**27053E**      **Working Element**



| Working end   | 24 / 26 Fr.,<br>color code: blue | Instrument description                                    |
|---|----------------------------------|---|
|  | 27053G                           | <b>Cutting Loop</b> , angled                              |
|  | 27053L                           | <b>Coagulation Electrode</b> , pointed                    |
|  | 27053N                           | <b>Coagulation Electrode</b> , ball-shaped, diameter 3 mm |



**280**      **Protection Tube**, for sterilization and storage of electrodes, loops,  
curettes and knives

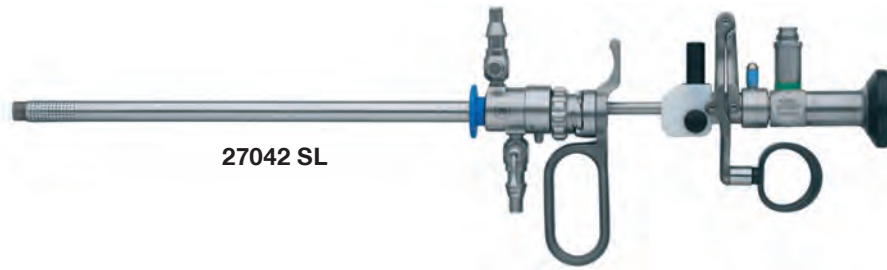
Electrodes are delivered in packages of 6.

Electrodes listed with a -53 number are not available as SSU versions.

# Resectoscope, MUNICH Model

Resectoscope Sheaths and Obturator

24/26 Fr.



27042 SL

**27042SL**      **Resectoscope Sheath**, including tube for in- and outflow, 26 Fr., straight beak, rotating inner sheath with ceramic insulation, for use with Working Element 27053E, color code: blue

**27042XA**      **Inner Sheath**, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27042SL, 26 Fr.



27042BK

**27042BK**      **Resectoscope Sheath**, with LUER-Lock stopcock, 24 Fr., straight beak, with Obturator 27042BO, color code: blue

**27242BZK**      **Resectoscope Sheath**, with central valve, 24 Fr., straight beak, with Obturator 27042BO, color code: blue



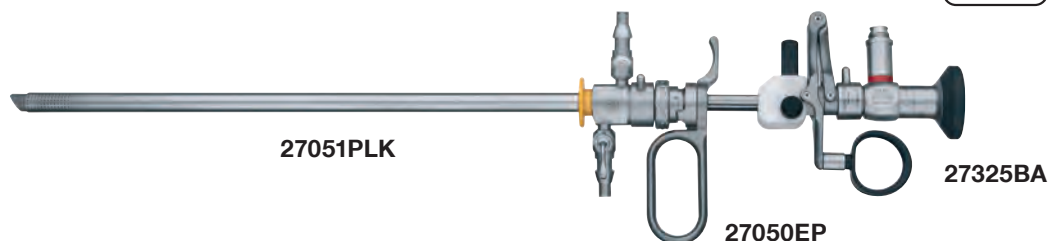
27042BO

**27042BO**      **Standard Obturator**, for 24 Fr. sheaths, 27042B, 27242BZ, 27042SL, color code: blue

# Resectoscope, extra long, unipolar

Telescope, Working Element and Electrodes

26 Fr., working length 26.5 cm




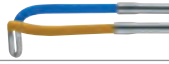


**27325BA**      **HOPKINS® Forward Oblique Telescope 30°**, diameter 3.5 mm, autoclavable, fiber optic light transmission incorporated, color code: red

### Cutting by means of a spring. Movable thumb ring

In rest position the electrode is inside the sheath.

**27050EP**      **Working Element**



| Working end   | 24 / 26 Fr., color code: yellow-blue | Instrument description                            |
|---|--------------------------------------|---|
|  | 27050GP                              | Cutting Loop, angled                              |
|  | 27050LP                              | Coagulation Electrode, pointed                    |
|  | 27050NP                              | Coagulation Electrode, ball-shaped, diameter 3 mm |
|  | 27050NKP                             | Coagulation Electrode, ball-shaped, diameter 5 mm |



**280L**      **Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

**Note:** Electrodes, in sterile packaging, are also available for single use.

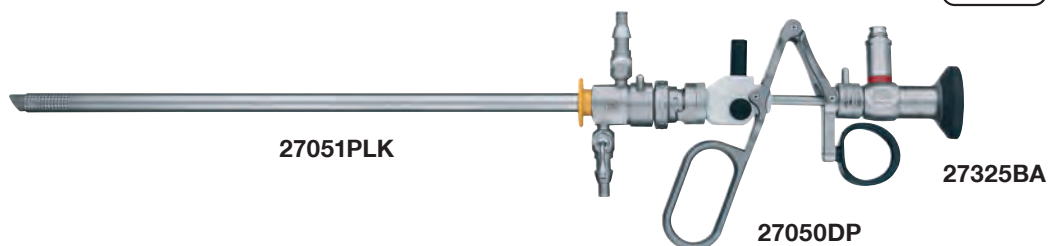
We will gladly provide an extra long resectoscope on loan. Please contact our customer services team for an offer.



# Resectoscope, extra long, unipolar

Telescope, Working Element and Electrodes

26 Fr., working length 26.5 cm



**27325BA**

**HOPKINS® Forward Oblique Telescope 30°**, diameter 3.5 mm, autoclavable, fiber optic light transmission incorporated, color code: red

**Cutting by means of a finger grip. Movable thumb ring**

In rest position the electrode is outside the sheath.

**27050DP**

**Working Element**



**27050GP**

| Working end | 24 / 26 Fr., color code: yellow-blue | Instrument description                                    |
|-------------|--------------------------------------|---|
|             | <b>27050GP</b>                       | <b>Cutting Loop</b> , angled                              |
|             | <b>27050LP</b>                       | <b>Coagulation Electrode</b> , pointed                    |
|             | <b>27050NP</b>                       | <b>Coagulation Electrode</b> , ball-shaped, diameter 3 mm |
|             | <b>27050NKP</b>                      | <b>Coagulation Electrode</b> , ball-shaped, diameter 5 mm |



**280L**

**Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

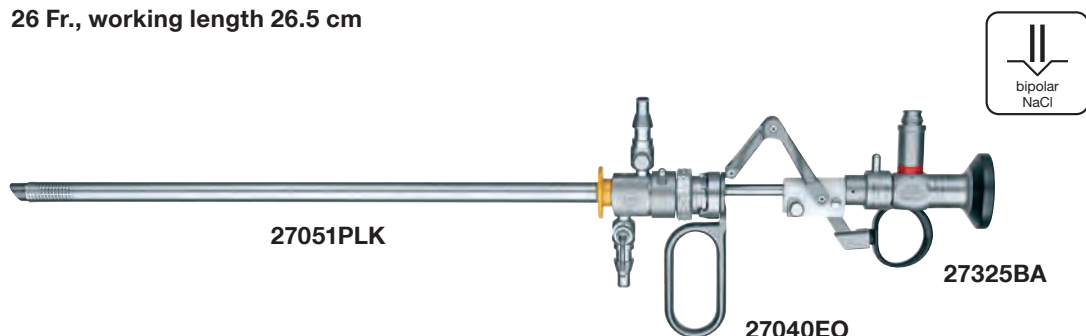
**Note:** Electrodes, in sterile packaging, are also available for single use.

We will gladly provide an extra long resectoscope on loan. Please contact our customer services team for an offer.

# Resectoscope, extra long, bipolar

Telescope, Working Element and Electrodes

26 Fr., working length 26.5 cm



**27325BA**

**HOPKINS® Forward Oblique Telescope 30°**, diameter 3.5 mm, autoclavable, fiber optic light transmission incorporated, color code: red

### Cutting by means of a spring. Movable thumb ring




In rest position the electrode is inside the sheath.

**27040EO**

**Working Element**



**27040GPO1**

| Working end   | 26 Fr., color code: yellow | Instrument description   |
|---|----------------------------|--|
|  | <b>27040GPO1</b>           | <b>Cutting Loop</b> , bipolar, extended length                                   |
|  | <b>27040BLO1</b>           | <b>Coagulation Electrode</b> , bipolar, extended length, pointed                 |
|  | <b>27040NBO</b>            | <b>Vaporization Electrode HALF MOON®</b> , bipolar, extended length, ball-shaped |



**280L**

**Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

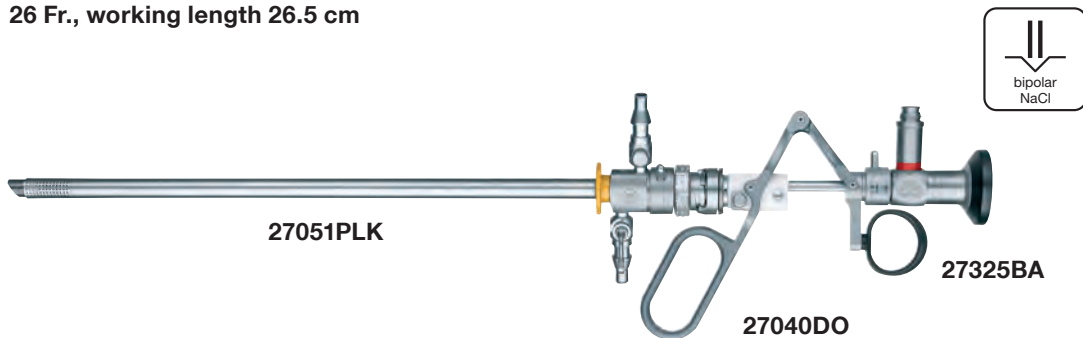
Electrodes are delivered in packages of 6.

We will gladly provide an extra long resectoscope on loan. Please contact our customer services team for an offer.

# Resectoscope, extra long, bipolar

Telescope, Working Elements and Electrodes

26 Fr., working length 26.5 cm






**27325BA** HOPKINS® Forward Oblique Telescope 30°, diameter 3.5 mm, autoclavable, fiber optic light transmission incorporated, color code: red

**Cutting by means of a finger grip. Movable thumb ring**

In rest position the electrode is outside the sheath.

**27040DO** Working Element



| Working end   | 24 / 26 Fr., color code: yellow | Instrument description   |
|---|---------------------------------|--|
|  | 27040GPO1                       | <b>Cutting Loop</b> , bipolar, extended length                                   |
|  | 27040BLO1                       | <b>Coagulation Electrode</b> , bipolar, extended length, pointed                 |
|  | 27040NBO                        | <b>Vaporization Electrode HALF MOON®</b> , bipolar, extended length, ball-shaped |



**280L** Protection Tube, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

**Note:** Electrodes, in sterile packaging, are also available for single use.

We will gladly provide an extra long resectoscope on loan. Please contact our customer services team for an offer.

# Resectoscope, extra long, bipolar

Resectoscope Sheath and Obturator

26 Fr., working length 26.5 cm

**Resectoscope Sheaths with rotating inner sheath**  
for continuous irrigation and suction



**27051PLK**      **Resectoscope Sheath**, including tube for in- and outflow, 26 Fr., oblique beak, rotating inner sheath with ceramic insulation, for use with Working Elements 27050EP, 27050DP, 27040EO and 27040DO, color code: yellow

**27051XA**      **Inner Sheath**, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27051PL, 26 Fr.

**27040BB**      **Standard Obturator**, für Resectoscope Sheath 27051PL, color code: yellow

**27040BP**      **Resectoscope Sheath**, with LUER-Lock stopcock, 24 Fr., oblique beak, color code: yellow

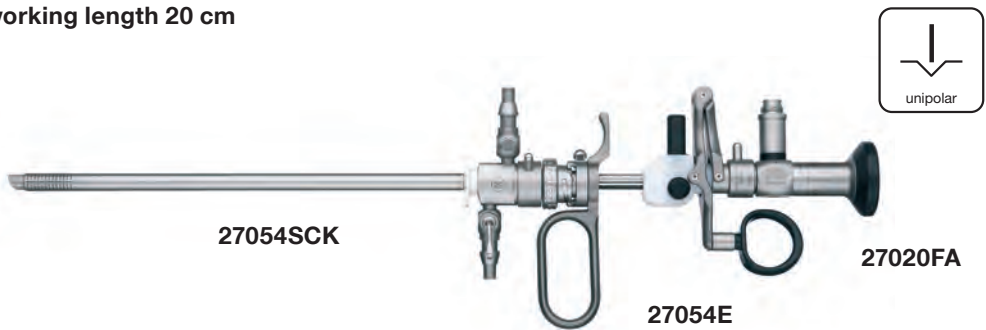
**PV27051B**      SCHMIEDT **Visual Obturator**, with channel for flexible instruments, for use with 24/26 Fr. Resectoscope Sheaths 27040BP and 27051PL

We will gladly provide an extra long resectoscope on loan.  
Please contact our customer services team for an offer.

# Resectoscope, slender, unipolar

Telescope, Working Element and Electrodes

22 Fr., working length 20 cm



**27020FA**

**HOPKINS® Telescope 12°**, enlarged view, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

**Cutting by means of a spring. Movable thumb ring**




In rest position the electrode is inside the sheath.

**27054E**

**Working Element**



**27054G**

| Working end   | 19/22 Fr., color code: white | Instrument description                      |
|---|------------------------------|---|
|  | <b>27054G</b>                | <b>Cutting Loop</b> , angled                |
|  | <b>27054L</b>                | <b>Coagulation Electrode</b> , knife-shaped |
|  | <b>27054N</b>                | <b>Coagulation Electrode</b> , ball-shaped  |



**280**

**Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

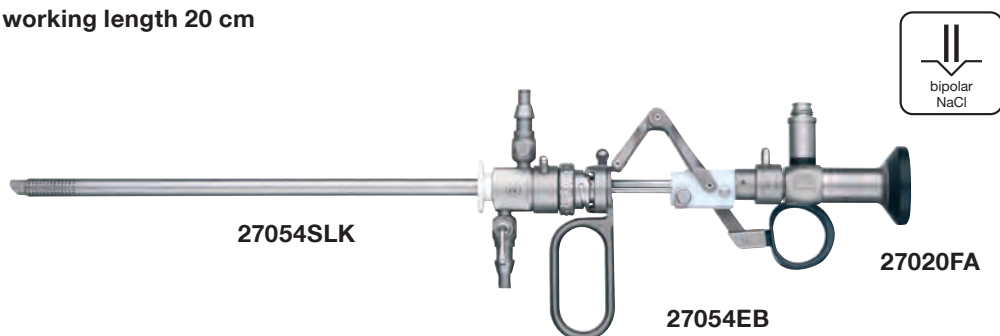
Electrodes are delivered in packages of 6.

**Note:** Electrodes, in sterile packaging, are also available for single use.

# Resectoscope, slender, bipolar

Telescope, Working Element and Electrodes

22 Fr., working length 20 cm



**27020FA** HOPKINS® Telescope 12°, enlarged view, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

**Cutting by means of a spring. Movable thumb ring**

In rest position the electrode is inside the sheath.

**27054EB Working Element**



| Working end | 22 Fr., color code: white | Instrument description                                  |
|-------------|---------------------------|---|
|             | 27054GP1                  | Cutting Loop, bipolar                                   |
|             | 27054BL1                  | Coagulation Electrode, bipolar, pointed                 |
|             | 27054NB                   | Vaporization Electrode HALF MOON®, bipolar, ball-shaped |



**280 Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

**Note:** Electrodes, in sterile packaging, are also available for single use.

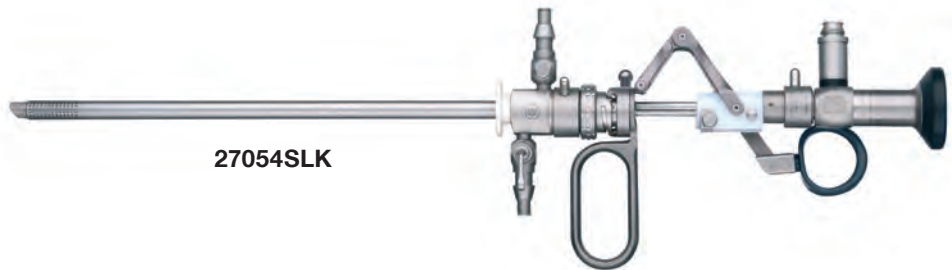
# Resectoscope, slender, bipolar

Resectoscope Sheath and Obturator

22 Fr., working length 20 cm

Sheaths can be combined with Working Element 27054

**Resectoscope sheaths with fixed inner sheath**  
for continuous irrigation and suction



**27054SLK**

**Resectoscope Sheath**, including tube for in- and outflow for continuous irrigation and suction, 22 Fr., oblique beak, fixed inner sheath with ceramic insulation, for use with Working Element 27054xx, color code: white

**27054XB**

**Inner Sheath**, fixed, with ceramic insulation, for use with resectoscope outer sheath of 27054SL



**27054CO**

**Standard Obturator**, for use with Resectoscope Sheaths 27054SC/SL, color code: white

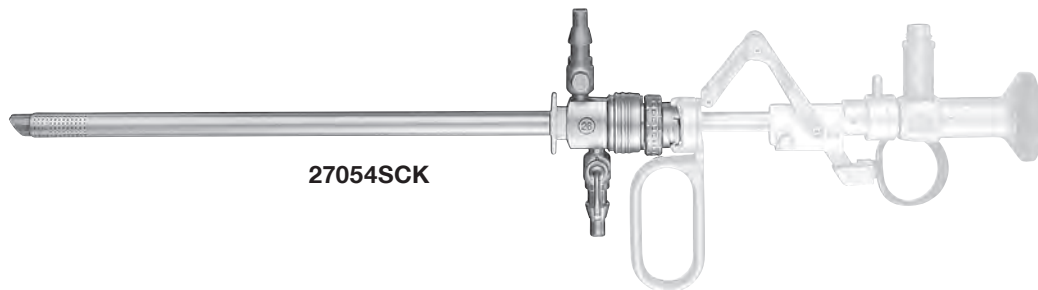
# Resectoscope, slender, bipolar

Resectoscope Sheath

**22 Fr., working length 20 cm**

**Sheaths can be combined with Working Element 27054**

**Resectoscope Sheath with rotating inner sheath and click mechanism**  
for continuous irrigation and suction



## **27054SCK**

**Resectoscope Sheath**, including tube for in- and outflow, 22 Fr., oblique beak, rotating inner sheath with ceramic insulation, quick-release lock, for use with Working Elements 27054xx, color code: white

## **27054CB**

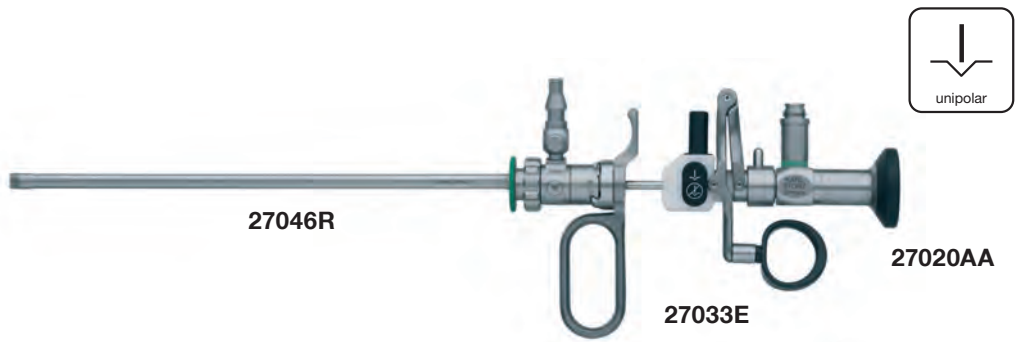
**Inner Sheath**, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27054SC, 22 Fr.



# Resectoscope, slender, unipolar

Telescope, Working Element and Electrodes

16 Fr.





**27020AA**      **HOPKINS® Straight Forward Telescope 0°**, diameter 2.9 mm, length 30 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

**Cutting by means of a spring. Movable thumb ring**

In rest position the electrode is inside the sheath.

**27033E**      **Working Element**



| Working end   | 16 Fr., color code: green | Instrument description                 |
|---|---------------------------|--|
|  | 27046G                    | <b>Cutting Loop</b> , angled           |
|  | 27046L                    | <b>Coagulation Electrode</b> , pointed |



**280**      **Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

# Resectoscope, extra slender, unipolar

Sheath with rotating LUER-Lock stopcock

16 Fr.



**27046RK**

**27046RK**

**Resectoscope Sheath**, with rotating LUER-Lock stopcock, 16 Fr., straight beak, with Obturator 27046RO and connecting tube for inflow, color code: green

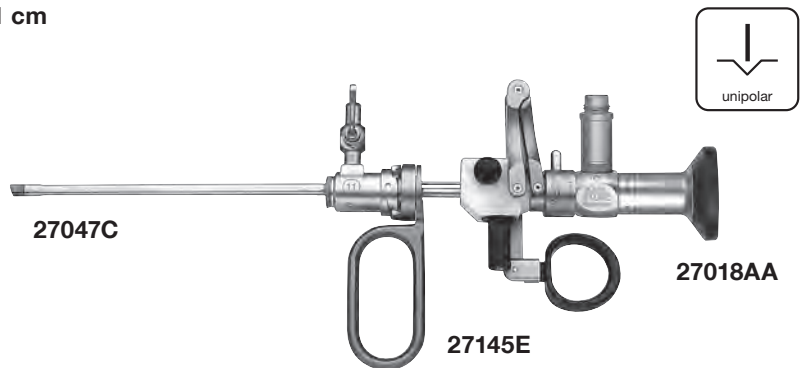
**27046RO**

**Standard Obturator**, for use with Resectoscope Sheath 27046R, color code: green

# Resectoscope, small, unipolar

Telescope, Working Element and Electrodes

13 Fr., working length 11 cm



**27018AA**





**HOPKINS® Straight Forward Telescope 0°**, diameter 2.7 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

### Cutting by means of a spring. Movable thumb ring

In rest position the electrode is inside the sheath.

**27145E**

**Working Element**

| Working end   | 13 Fr.,<br>color code: black | Instrument description                               |
|---|------------------------------|--|
|  | <b>27145EG</b>               | <b>Cutting Loop</b> , angled                         |
|  | <b>27145EL</b>               | <b>Coagulation Electrode</b> , angled, blunt         |
|  | <b>27145EP</b>               | <b>Coagulation Electrode</b> , hook-shaped, ball end |
|  | <b>27145EF</b>               | <b>Coagulation Electrode</b> , angled, pointed       |



**280**

**Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

# Resectoscope, small, unipolar

Sheath with LUER-Lock stopcock

13 Fr., working length 11 cm



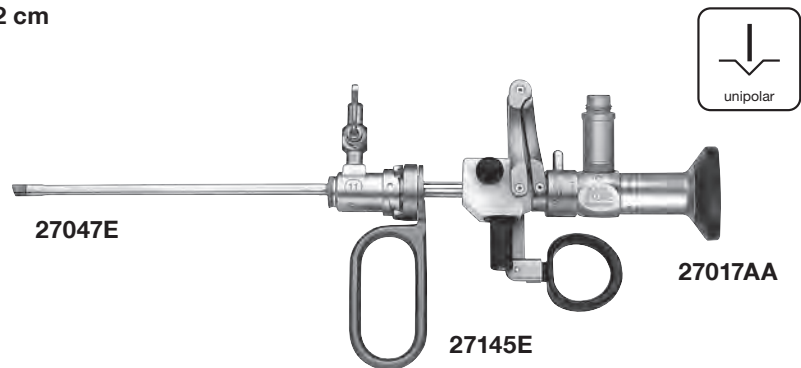
**27047CK**

**Resectoscope Sheath**, with LUER-Lock stopcock,  
13 Fr., with Obturator 27047CO and connecting  
tube for inflow,  
color code: black

# Resectoscope, small, unipolar

Telescope, Working Element and Electrodes

11 Fr., working length 12 cm



**27017AA**      **HOPKINS® Straight Forward Telescope 0°**, diameter 1.9/2.1 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

**Cutting by means of a spring. Movable thumb ring**

In rest position the electrode is inside the sheath.

**27145E**      **Working Element**

| Working end | 11 Fr., color code: green | Instrument description                                       |
|-------------|---------------------------|--|
|             | <b>27147EG</b>            | <b>Cutting Loop</b> , angled                                 |
|             | <b>27147EL</b>            | <b>Coagulation Electrode</b> , angled, blunt                 |
|             | <b>27147EP</b>            | <b>Coagulation Electrode</b> , hook-shaped, ball end         |
|             | <b>27147EQ</b>            | <b>Coagulation Electrode</b> , hook-shaped, without ball end |
|             | <b>27147ER</b>            | <b>Coagulation Electrode</b> , angled, pointed               |



**280**      **Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

# Resectoscope, small, unipolar

Sheath with LUER-Lock stopcock

11 Fr., working length 12 cm



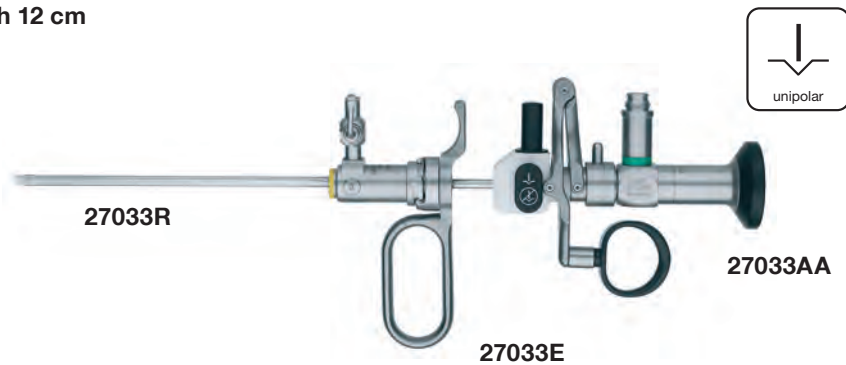
**27047EK**

**Resectoscope Sheath**, with LUER-Lock stopcock,  
11 Fr., with Obturator 27047EO and connecting tube  
for inflow,  
color code: green

# Resectoscope, small, unipolar

Telescope, Working Element and Electrodes

9 Fr., working length 12 cm



**27033AA** **Miniature Straight Forward Telescope 0°**, diameter 1.2 mm, length 20 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green

**Cutting by means of a spring. Movable thumb ring**

In rest position the electrode is inside the sheath.

**27033E** **Working Element**



| Working end | 9 Fr., color code: yellow | Instrument description                                       |
|-------------|---------------------------|--|
|             | 27033EG                   | <b>Cutting Loop</b> , angled                                 |
|             | 27033EL                   | <b>Coagulation Electrode</b> , angled, blunt                 |
|             | 27033EP                   | <b>Coagulation Electrode</b> , hook-shaped, ball end         |
|             | 27033EQ                   | <b>Coagulation Electrode</b> , hook-shaped, without ball end |
|             | 27033ER                   | <b>Coagulation Electrode</b> , angled, pointed               |



**280** **Protection Tube**, for sterilization and storage of electrodes, loops, curettes and knives

Electrodes are delivered in packages of 6.

# Resectoscope, small, unipolar

Sheath with LUER-Lock stopcock

9 Fr., working length 12 cm



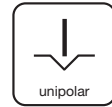
**27033RK**

**Resectoscope Sheath**, with LUER-Lock stopcock, 9 Fr.,  
with Obturator 27033RO and connecting tube for inflow,  
color code: yellow



# High Frequency Cords

**Unipolar High Frequency Cords, for use with Working Elements 27050C, 27050D, 27050E, 27050EP, 27050DP, 27054E, 27053E and 27033E**



| KARL STORZ Instrument | High Frequency Surgical Unit |              |   |
|-----------------------|------------------------------|--------------|---|
|                       |                              | <b>277</b>   | <b>Unipolar High Frequency Cord</b> , with 4 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type, older models |
|                       |                              | <b>277A</b>  | <b>Unipolar High Frequency Cord</b> , with 4 mm plug, length 300 cm, compatible with Martin HF units  |
|                       |                              | <b>277KE</b> | <b>Unipolar High Frequency Cord</b> , with 5 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe ICC units          |
|                       |                              | <b>277KB</b> | <b>Unipolar High Frequency Cord</b> , with 8 mm plug, for use with AUTOCON® III and AUTOCON® II, compatible with Valleylab units                        |

**Bipolar High Frequency Cords, for use with Working Elements 27040DB, 27040EB, 27040DO, 27040EO and 27054EB**



| KARL STORZ Instrument | High Frequency Surgical Unit |                 |  |
|-----------------------|------------------------------|-----------------|--|
|                       |                              | <b>UH801</b>    | <b>Bipolar High Frequency Cord</b> , for KARL STORZ AUTOCON® III 400, length 400 cm, with RFID coding system, reusable 20 times, for use with KARL STORZ bipolar resectoscopes |
|                       |                              | <b>27176LEB</b> | <b>Bipolar High Frequency Cord</b> , for AUTOCON®II 400 SCB (high-end), length 400 cm, for use with KARL STORZ bipolar resectoscopes   |

**Please note:** All high frequency cords are delivered with a length of 300 cm. If a length of 500 cm is required, please add the letter L to the part number, e.g., 277KEL.

27105K



27105B



27105AG



27105S

REUTER **Trocar**, set, for suprapubic aspiration

**Included in delivery:**

**27105K** REUTER **Trocar**, 18 Fr.  
with cannula, trocar  
and seals

**27105AG** **Fixation Disc**

**27105B** **Aspiration Insertion Tube**

27105F

REUTER **Sheath**, sides open,  
to insert catheters up to 14 Fr.



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# 04 **LASER Surgery, Photodynamic Diagnosis (PDD)**

## **LASER Surgery**

CALCULASE® III SCB 94-98

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Continuous-Flow LASER Cystoscope and  
Working Inserts for Prostate Vaporization 99-101

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LASER Working Elements and Working Inserts  
for Prostate Enucleation 102-105

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Morcellator System for Urology 106-109

## **Photodynamic Diagnosis (PDD)**

HOPKINS® Telescopes 110-111

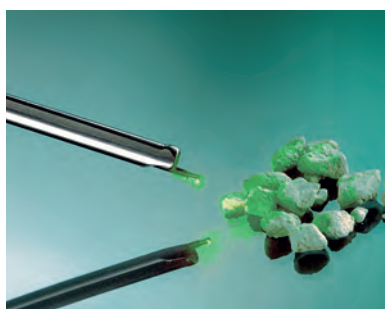
# CALCULASE® III SCB

LASER system for endoscopic stone therapy  
and soft tissue treatment



## 35 W Holmium LASER

The new 35 Watt desktop laser CALCULASE® III stands for efficient holmium: The system can be used, e.g., for soft tissue treatment such as ureteropelvic junction stenosis and the ablation of urethral carcinoma.



## Optimized pulse modes

For successful stone fragmentation, the user can choose between three pulse modes (burst, short, long). The burst mode was designed to reduce the repulsion of stone. The variable pulse length allows efficient stone fragmentation and/or pulverization.



## Diverse LASER fibers and instruments

KARL STORZ offers LASER fibers in various sizes (230, 365 and 600 µm) for both single and multiple use. Together with its wide range of rigid and flexible uretero-renoscopes equipped with fiber optic and sensor technology as well as the MIP product family, KARL STORZ offers the ideal complete solution for stone therapy and soft tissue treatment.



## Automatic fiber detection (RFID)

The new CALCULASE® III LASER features an integrated RFID technology that enables automatic identification and reprocessing control:

- Fibers are identified
- The number of applications are counted
- The possible minimum and maximum setting values are automatically set



## Touch screen

The system is controlled via a modern, high-resolution 10" HD touch screen equipped with state-of-the-art technology.

# CALCULASE® III SCB

LASER system for endoscopic stone therapy  
and soft tissue treatment



## UL300-1

**CALCULASE® III**, holmium LASER system,  
power supply 100 – 230 VAC, 50/60 Hz

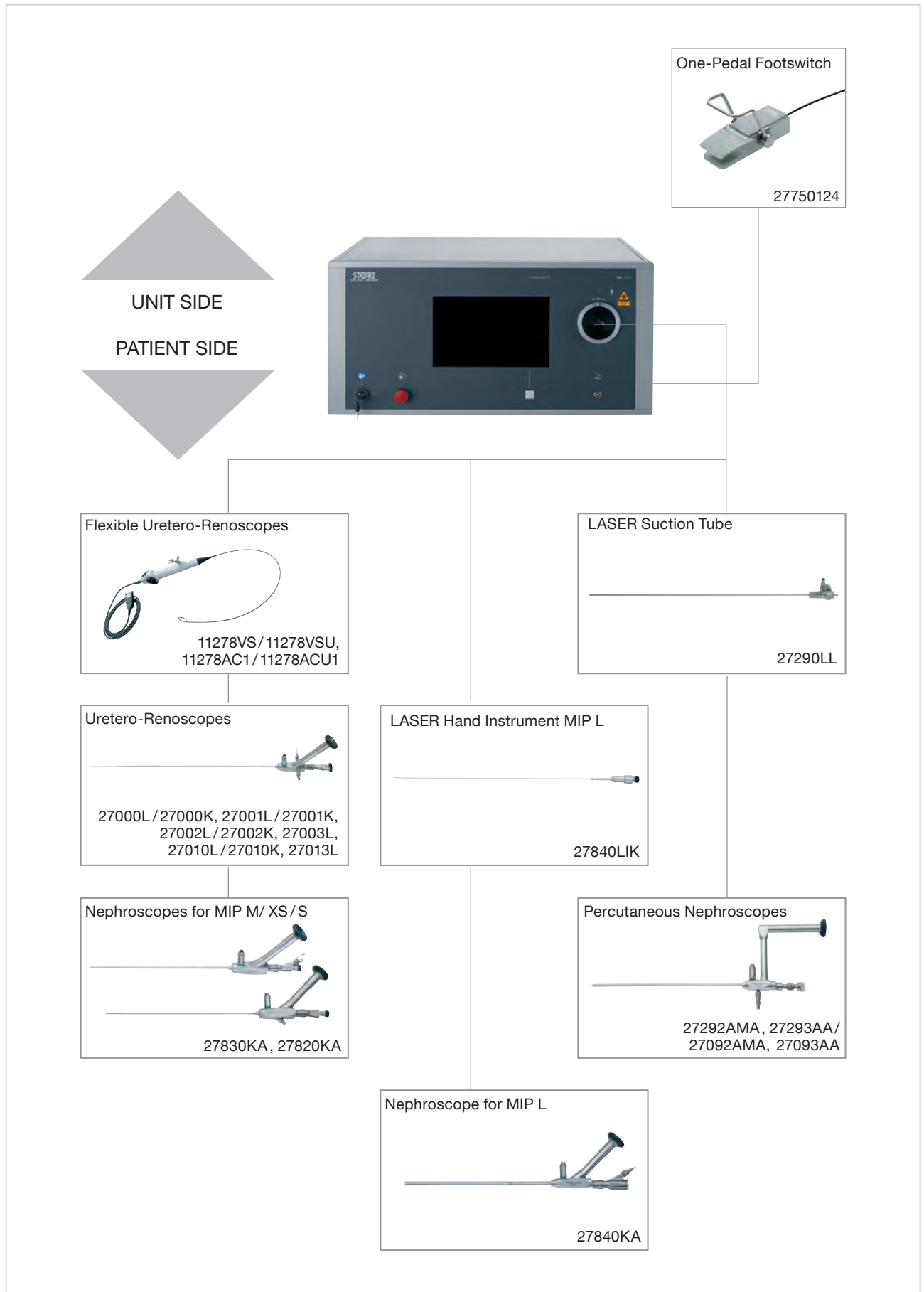
**Included in delivery:**

- UL300**            **CALCULASE® III Basic Unit**
- ET21-1002**    **Mains Cord**
- 27750124**    **One-Pedal Footswitch**
- 27750235**    **Key Set**
- UL102**        **Filling Set**
- 27750095**    **Safety Goggles Ho: YAG LASER,**  
2080 nm

### Parameters for 230 µm and 365/600 µm fibers

|                    | 230 µm Fibers |           | 365/600 µm Fibers |           |
|--------------------|---------------|-----------|-------------------|-----------|
|                    | Frequency     | Joule     | Frequency         | Joule     |
| <b>Pulse short</b> | 4 – 30 Hz     | 0.2 – 2 J | 4 – 30 Hz         | 0.2 – 2 J |
| <b>Pulse long</b>  | 4 – 15 Hz     | 0.6 – 2 J | 4 – 15 Hz         | 0.6 – 4 J |
| <b>Pulse burst</b> | 4 – 10 Hz     | 0.6 – 2 J | 4 – 10 Hz         | 0.6 – 4 J |


For the exact parameter settings for fibers, see instruction manual




# CALCULASE® III SCB

## Optional Components

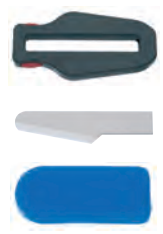

### Fiber Sets, reusable

|   |                |   |
|---|----------------|---|
|  | <b>UL007S5</b> | <b>CALCULASE® III Fiber 230 µm</b> , sterile, reusable, length 300 cm, package of 6 |
|   | <b>UL008S5</b> | <b>CALCULASE® III Fiber 365 µm</b> , sterile, reusable, length 300 cm, package of 6 |
|   | <b>UL009S5</b> | <b>CALCULASE® III Fiber 600 µm</b> , sterile, reusable, length 300 cm, package of 6 |

### Fiber Sets, for single use

|   |                |   |
|---|----------------|---|
|  | <b>UL004S5</b> | <b>CALCULASE® III Fiber 230 µm</b> , sterile, for single use, length 300 cm, package of 6 |
|   | <b>UL005S5</b> | <b>CALCULASE® III Fiber 365 µm</b> , sterile, for single use, length 300 cm, package of 6 |
|   | <b>UL006S5</b> | <b>CALCULASE® III Fiber 600 µm</b> , sterile, for single use, length 300 cm, package of 6 |

### Optional Products

|   |                 |   |
|---|-----------------|---|
|  | <b>27750280</b> | <b>Fiber Stripper Set</b> , sterilizable, for use with CALCULASE® fibers<br><b>Included in delivery:</b><br><b>27750281</b> <b>Fiber Stripper</b> , 230 µm<br><b>27750282</b> <b>Fiber Stripper</b> , 356 µm<br><b>27750283</b> <b>Fiber Stripper</b> , 600 µm<br><b>27750284</b> <b>Ceramic Knife</b><br><b>27750285</b> <b>Silicone Pad</b> |
|  | <b>27750095</b> | <b>Safety Goggles Ho:YAG LASER</b> , 2080 nm  |

The above CALCULASE® III fibers are compatible with the predecessor model CALCULASE® (27750120-1).

## UG210



**Equipment Cart**, wide, small, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, energy beam with integrated electrical subdistributors with 6 sockets, potential equalization connectors

Dimensions:

Equipment cart: 830 x 1265 x 730 mm (w x h x d),

Shelf: 630 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

**Included in delivery:**

**UG011 Base Module**, equipment cart, wide

**UG021 Cover**, equipment cart, wide

**UG041 Beam Package**, equipment cart, small

**UG604 Shelf**, wide

2x **UG602 Drawer Unit with Lock**, wide

2x **UG608 Equipment Rail**, long

2x **UG700 Mains Cord**, length 100 cm

## UG916



**COR LASER Mobile Stand**, rides on 4 antistatic dual wheels, with locking brakes, low beam module, incl. cable manager and handle

**Included in delivery:**

**UG803 Subrack**, for COR mobile stand, low

**UG825 LASER Shelf**, for COR mobile stand

## UG810



**Top Cover for COR Mobile Stand**,

dimensions (w x h x d): 158.5 x 15 x 110 mm

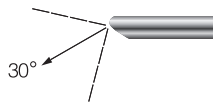


# HOPKINS® Telescope

with integrated greenlight filter

## Special Features:

- Integrated greenlight filter to protect the camera
- No obtrusive filter between the camera and the eyepiece



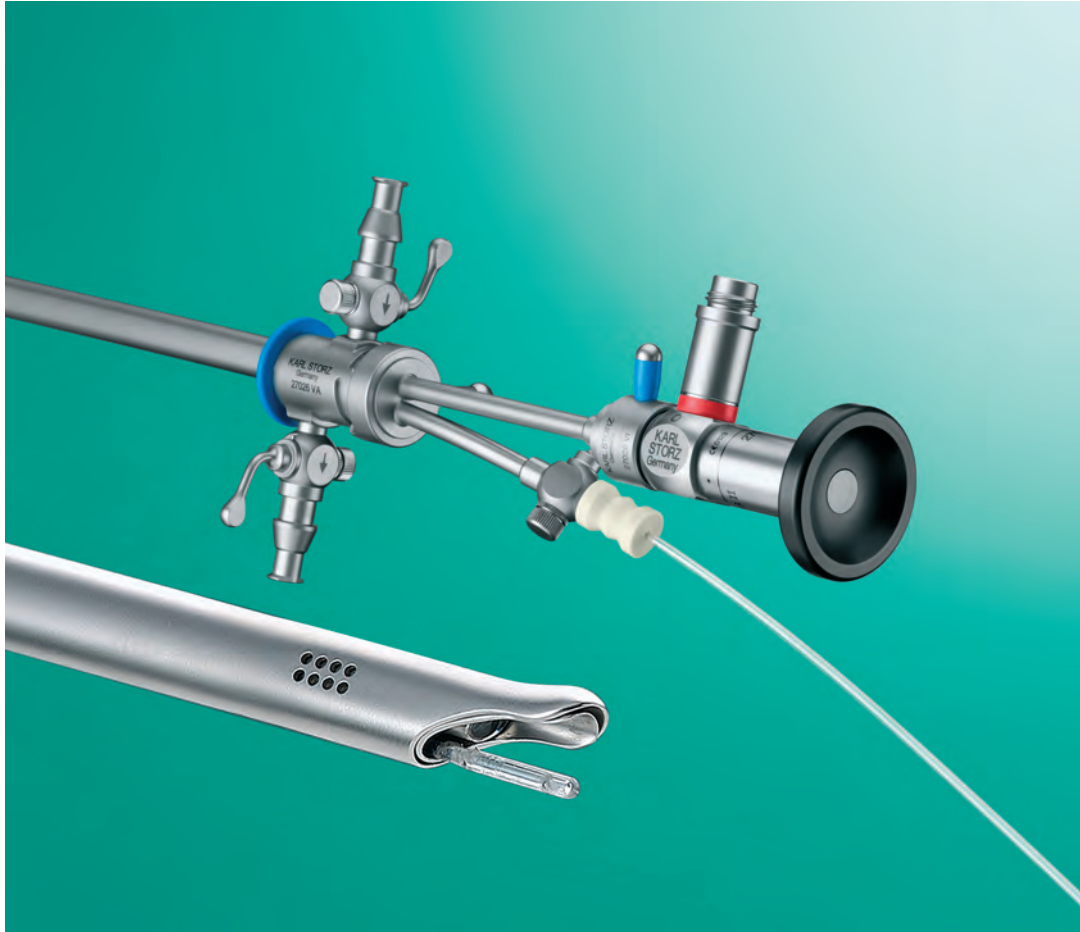
**27005BGA**

**Greenlight Filter HOPKINS®**  
**Forward-Oblique Telescope 30°**, enlarged view,  
diameter 4 mm, length 30 cm, **autoclavable**,  
with integrated greenlight filter and  
fiber optic light transmission incorporated,  
color code: red

# Continuous-Flow LASER Cystoscope 23 Fr.

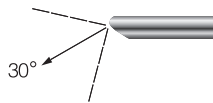
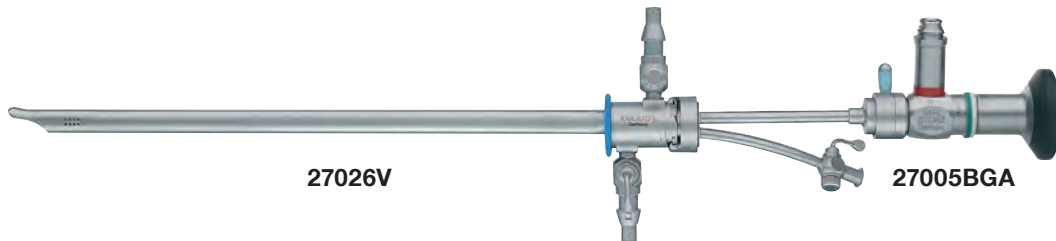
**Special Features:**

- 23 Fr. sheath
- 7.5 Fr. working channel
- Continuous-flow design



# Continuous-Flow LASER Cystoscope

23 Fr., working length 21 cm,  
for use with HOPKINS® Forward-Oblique Telescopes 27005BA and 27005BGA



27005BGA

**Greenlight Filter HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, with integrated greenlight filter and fiber optic light transmission incorporated, color code: red



27026V

**LASER Cystoscope-Urethroscope Sheath**, 23 Fr., with continuous irrigation, with 7.5 Fr. working channel, color code: blue

**Included in delivery:**

- 27026VA** Outer Sheath, 23 Fr.
- 27026VI** Inner Sheath, with 7.5 Fr. working channel
- 27026OV** Obturator

27026VIL

**Inner Sheath**, model for left-handed users, with 7.5 Fr. working channel, for use with LASER Cystoscope-Urethroscope 27026V, color code: blue



27026VS

**Visual Obturator**, for use with Outer Sheath 27026VA



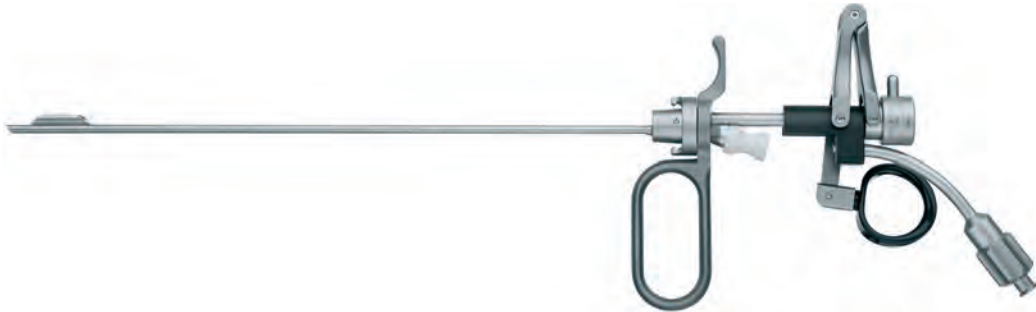
27026VY

**LASER Cystoscope Adaptor**, for the fixation and mobilization of LASER fibers (greenlight LASER), for use with continuous-flow LASER cystoscope

# LASER Working Elements

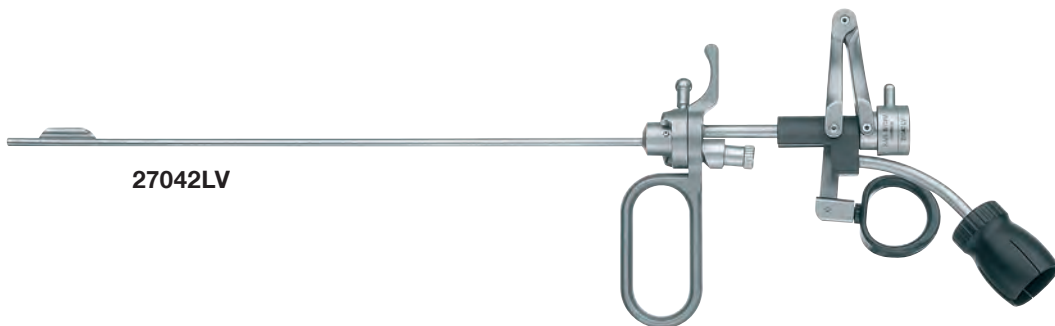
for vaporization

For use with 24/26 and 27/28 Fr. resectoscope sheaths  
and HOPKINS® Telescopes 27005BA, 27005BGA, 27005FA



**27042V**

**LASER Working Element for Vaporization,**  
with 7.5 Fr. working channel, for use with 24 /26  
and 27/28 Fr. resectoscope sheaths



**27042LV**

**27042LV**

**LASER Working Element for Vaporization,**  
with 7.5 Fr. working channel, for use with 24 /26  
and 27/28 Fr. resectoscope sheaths

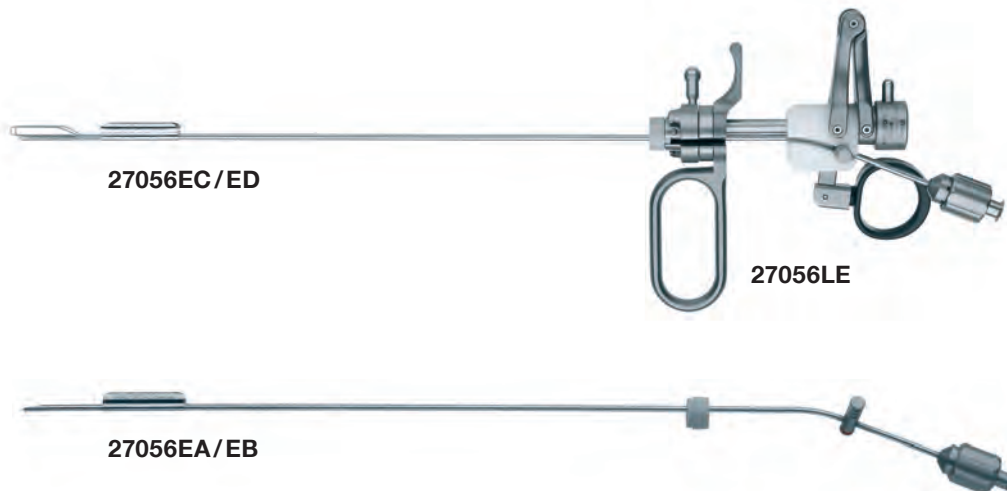
**39042RA**

**Cleaning Adaptor,** for use with  
LASER Working Element 27042LV

# Working Element

with exchangeable LASER Guide Probes,  
for enucleation of the prostate

For use with 24/26 and 27/28 Fr. resectoscope sheaths  
and HOPKINS® Telescopes 27005BA, 27005FA



- |                |   |
|----------------|---|
| <b>27056LE</b> | <b>LASER Working Element</b> , for use with exchangeable LASER guide probes with 24/26 Fr. resectoscope sheaths                   |
| <b>27056EA</b> | <b>LASER Guide Probe</b> , inner diameter 0.8 mm, exchangeable, for use with LASER Working Element 27056LE                        |
| <b>27056EB</b> | <b>LASER Guide Probe</b> , inner diameter 1.5 mm, exchangeable, for use with LASER Working Element 27056LE                        |
| <b>27056EC</b> | <b>LASER Guide Probe</b> , with retracting beaks, inner diameter 0.8 mm, exchangeable, for use with LASER Working Element 27056LE |
| <b>27056ED</b> | <b>LASER Guide Probe</b> , with retracting beaks, inner diameter 1.5 mm, exchangeable, for use with LASER Working Element 27056LE |

# Working Elements and Working Insert

for enucleation of the prostate

For use with 24/26 and 27/28 Fr. resectoscope sheaths  
and HOPKINS® Telescope 27005BA



27056LA

**27056LA** KUNTZ Working Element, for use with 24/26 Fr. Resectoscope Sheaths 27040SL, 27050SL and LASER probes up to 0.8 mm

**27056LB** Same, LASER probes up to 1.5 mm

For use with 24/26 and 27/28 Fr. resectoscope sheaths  
and HOPKINS® Telescopes 27005BA, 27005BGA, 27005FA



**27050VL** LASER Working Insert, with 7.5 Fr. working channel, incl. replacement seal, for use with 24/26 and/or 27/28 Fr. resectoscope sheaths and HOPKINS® Telescopes 27005BA, 27005BGA, 27005FA

Currettes, for use with Working Element 27050

**27050KL** Curette for Tissue Ablation, 24/26 Fr. (not to be used with HF current), for use with Working Element 27050. This article is only available in units of 6.

**27050Z** Curette, sharp, round (not to be used with HF current), 24/26 Fr., color code: yellow

**Special Features:**

- 5 Fr. working channel
- Guidance of the LASER probe up to the distal tip

For use with HOPKINS® Telescopes 27005BA and 27005FA



**27040SLK Resectoscope Sheath**, including connecting tube for in- and outflow, 26 Fr., oblique beak, **fixed** inner sheath with ceramic insulation, color code: yellow



**27040XAL**



**27040XAL Inner Sheath**, without ceramic insulation, with guiding device for LASER probes up to 2.6 mm, for use with Resectoscope Sheaths 27040SD and 27040SL

**PV27040XAL-1 Inner Sheath**, without ceramic insulation, without laser guide tube (distal), for use with Resectoscope Sheaths 27040SD and 27040SL

**27040OD Standard Obturator**, for 24 Fr. sheaths, 27040BK, 27241BK, color code: yellow

**27048CK Deflecting Obturator**, for 24 / 26 Fr. sheaths, 27040BO, 27241BO, 27240BO, 27040SD, 27040SL, 27050SL, 27050SC, color code: yellow



**27068CD Telescope Bridge**, 5 Fr., with channel for instruments up to 5 Fr.

## Handpiece 27702050, for use with UNIDRIVE® S III SCB

### Special Features:

- Rapid coupling for blade fixation
- Central, straight suction channel
- Suitable for use in a cleaning machine and autoclavable up to 134°C
- Activation via the footswitch of the UNIDRIVE® S III motor system



27056LM

27702050

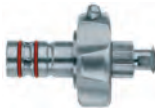
27702050

**DRILLCUT-X® II Morcellator Handpiece URO**, for use with UNIDRIVE® S III SCB



40712090

**Handle**, adjustable, for use with DRILLCUT-X® II Morcellator Handpiece URO 27702050



41250RA

**Cleaning Adaptor**, LUER-Lock, for cleaning the DRILLCUT-X® II morcellator handpiece

## For use with DRILLCUT-X® II Morcellator Handpiece URO

- Reusable
- Inner and outer blades can be cleaned separately
- Autoclavable
- With horizontal oscillating inner blade



27056LM



27056LM

**Morcellator Blade**, straight, sterilizable, drop-shaped cutting window, outer window serrated, inner window double fenestrated and serrated, diameter 4 mm, length 40 cm, for use with DRILLCUT-X® II Morcellator Handpiece URO 27702050



41200RA

**Cleaning Adaptor**, LUER-Lock, for cleaning the inner and outer blades of the DRILLCUT-X® accessories



# Morcellator System for Urology

UNIDRIVE® S III SCB

For use with DRILLCUT-X® II Morcellator Handpiece URO 27702050

### Special Features:

- Maximum number of revolutions can be preset
- Automatic handpiece recognition
- Control connection for KARL STORZ pump systems in combination mode
- Can be used with: DRILLCUT-X® II URO morcellator handpiece
- With connection possibilities to KARL STORZ Communication Bus (KARL STORZ-SCB)



27701001-1

**UNIDRIVE® S III SCB**, urology set, UNIDRIVE® S III motor system, with integrated SCB module, power supply 100 – 120/230 – 240 VAC, 50/60 Hz

#### Included in delivery:

- 20701020-1 **UNIDRIVE® S III SCB**
- 400A **Mains Cord**
- 20016230 **One-Pedal Footswitch**, two-stage
- 20090170 **SCB Connecting Cable**, length 100 cm

### Specifications

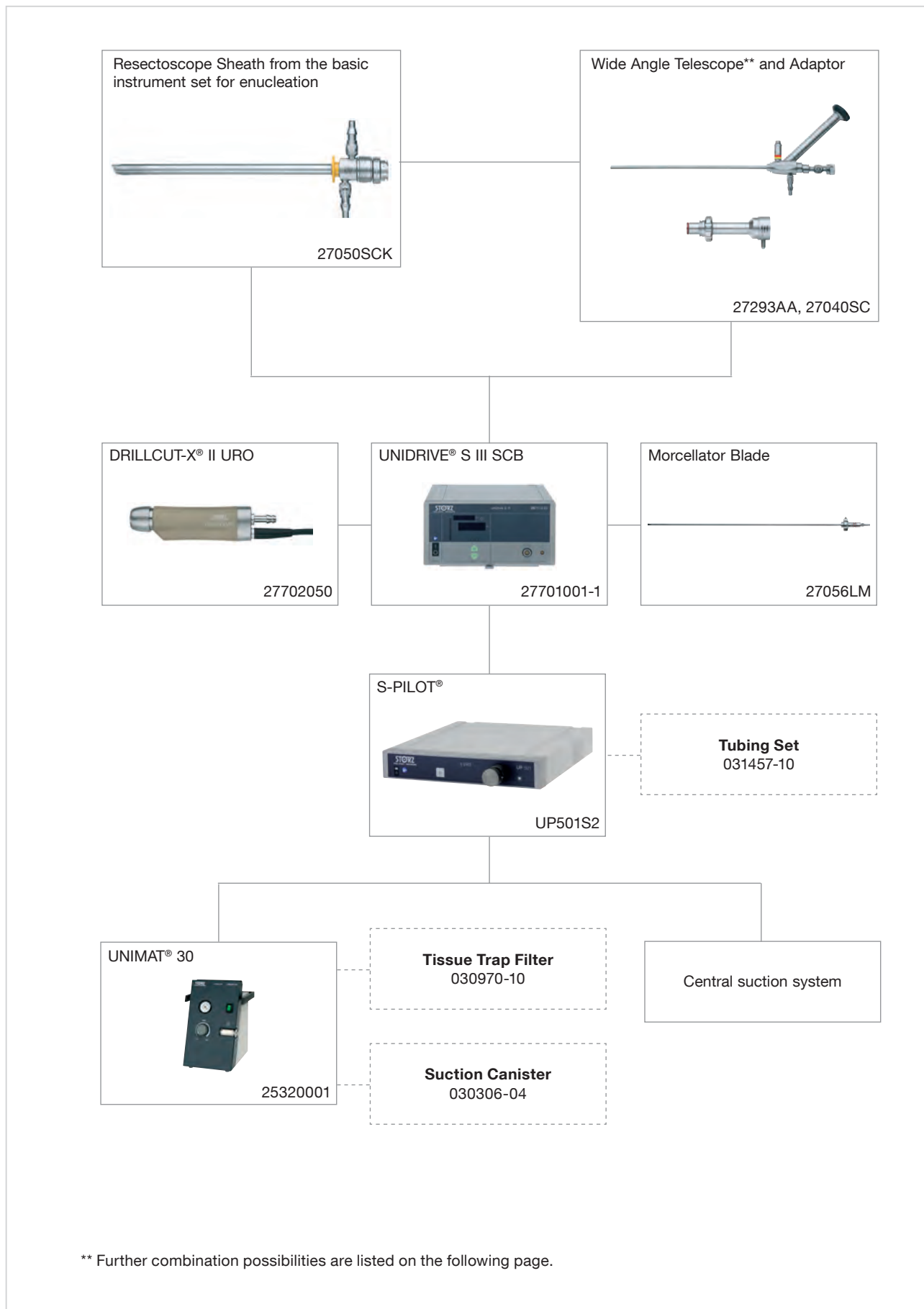
|                |  |                         |                           |
|----------------|--|-------------------------|---------------------------|
| Operation mode | oscillating (morcellator)              | Dimensions<br>w x h x d | 305 x 165 x 233 mm        |
| Max. rpm       | 40,000 (rpm)<br>Blade 500 – 5000 (rpm) | Weight                  | 4 kg                      |
| Power supply   | 100-120/230-240 VAC,<br>50/60 Hz       | Certified to            | IEC 601-1, CE acc. to MDD |

07-22

**COR Mobile Stand for the Morcellation System**, see chapter UNITS and ACCESSORIES

# Morcellator System for Urology

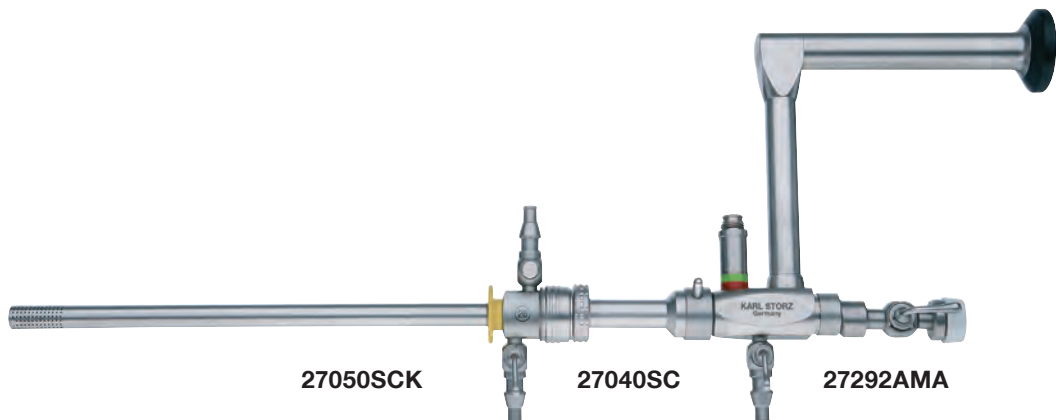
Overview



\*\* Further combination possibilities are listed on the following page.

# Morcellator System for Urology

Telescopes, Sheaths and Adaptor



27050SCK

27040SC

27292AMA

27292AMA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, with parallel eyepiece, **autoclavable**, fiber optic light transmission incorporated with working channel, with LUER-Lock connection for inflow, color code: green-red

or

27293AA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, with angled eyepiece, **autoclavable**, fiber optic light transmission incorporated with working channel, with LUER-Lock connection for inflow, color code: green-red

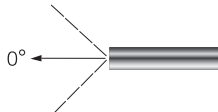
| Sheath   |  | Adaptor |   |
|----------|--|---------|---|
| 27050SCK | <b>Resectoscope Sheath, 26 Fr.</b> , rotating inner sheath with ceramic insulation, quick-release lock | 27040SC | <b>Adaptor</b> , for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27050SC, 27050SD             |
| 27050SDK | <b>Resectoscope Sheath, 28 Fr.</b> , rotating inner sheath with ceramic insulation, quick-release lock |         |   |
| 27050SLK | <b>Resectoscope Sheath, 26 Fr.</b> , rotating inner sheath with ceramic insulation                     | 27040LB | <b>Adaptor</b> , for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27040SD, 27040SL and 27050SL |
| 27050SMK | <b>Resectoscope Sheath, 28 Fr.</b> , rotating inner sheath with ceramic insulation                     |         |   |

# HOPKINS® Telescopes for Photodynamic Diagnosis (PDD)

Fiber optic light transmission incorporated



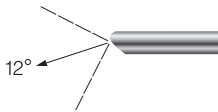
27005BIA



0°

27005AIA

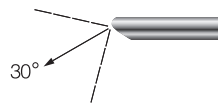
**HOPKINS® Straight Forward Telescope 0°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: green



12°

27005FIA

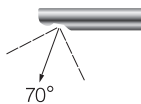
**HOPKINS® Telescope 12°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: black



30°

27005BIA

**HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: red



70°

27005CIA

**HOPKINS® Lateral Telescope 70°**, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: yellow

**Recommended Light Cable, for use with HOPKINS® telescopes for photodynamic diagnosis (PDD):**



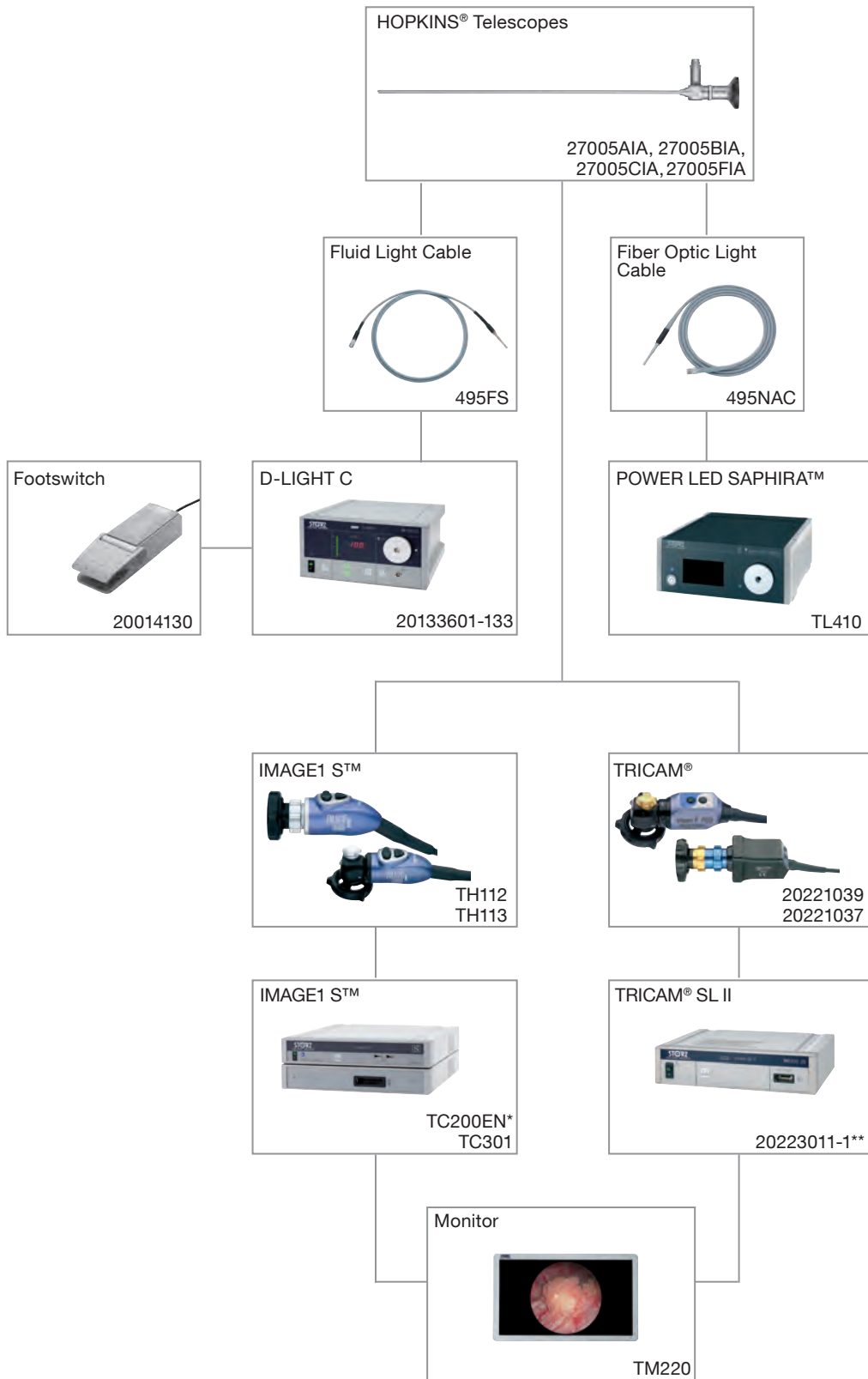
495FS

**Fluid Light Cable**, diameter 2 mm, length 220 cm

HOPKINS® Telescopes 27005AIA, 27005BIA, 27005CIA, 27005FIA can be combined with standard instruments for urology from KARL STORZ. The eyepieces of all telescopes for photodynamic diagnosis are color-coded blue-white.

# HOPKINS® Telescopes for Photodynamic Diagnosis (PDD)

Overview



\* Also available in the following languages: DE, ES, FR, IT, PT, RU

\*\* Approved for distribution only in certain countries



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# 05 Urethrotomes

Visual Urethrotomes

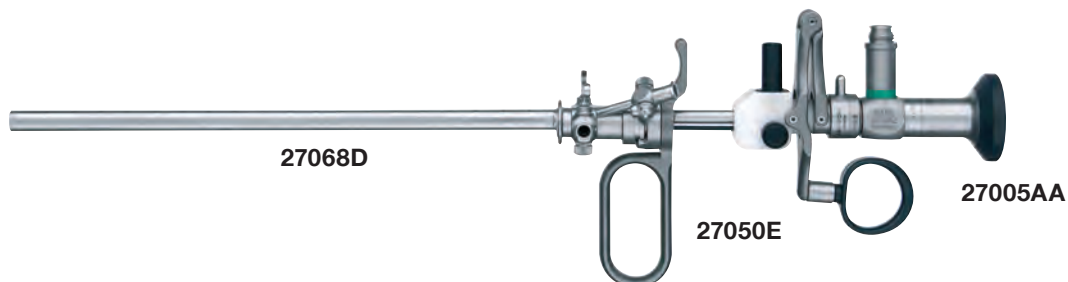
114-118

---

Urethrotome-Meatotome

119

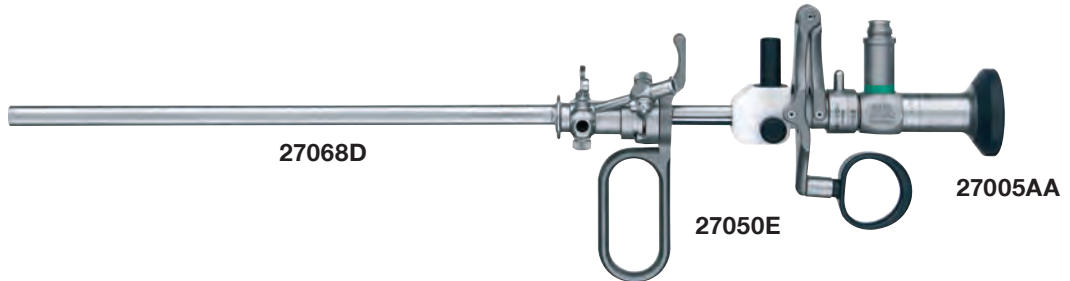
21 Fr., working length 20 cm,  
for use with HOPKINS® Straight Forward Telescope 27005AA



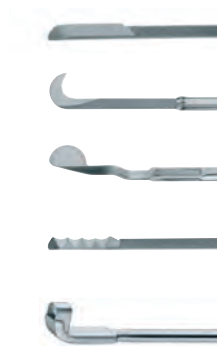
- 27068DK** SACHSE **Urethrotome Sheath**, 21 Fr., with channel for FILIFORM bougies and 2 LUER-Lock cones
- 27068DO** **Obturator**, for Urethrotome Sheath 21 Fr., 27068D
- 27068CD** **Telescope Bridge**, 5 Fr., with channel for instruments up to 5 Fr.
- 27068F** **Supplementary Sheath**, sides open, for introduction of a balloon catheter, to slip on Urethrotome Sheath 27068D
- 27068SK** **Supplementary Sheath**, for continuous irrigation and suction, to slip on Urethrotome Sheath 27068D



21 Fr., working length 20 cm,  
for use with HOPKINS® Straight Forward Telescope 27005AA



**27050E** Working Element



- 27069K** SACHSE Knife, straight
- 27069KS** Cold Knife, hook-shaped
- 27069L** Cold Knife, round
- 27069M** LUDVIK Knife, straight, serrated
- 27069P** Cold Knife, ring-shaped

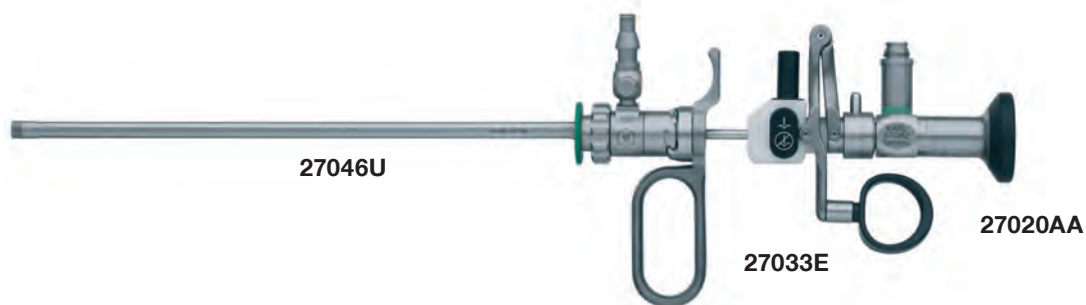


**280** Protection Tube, for sterilization and storage of electrodes, loops, currettes and knives

**Please note:** The knives displayed are not to be used with HF current.

Knives are delivered in packages of 6.

15.5 Fr., working length 20 cm,  
for use with HOPKINS® Straight Forward Telescope 27020AA



**27046UK**      **Urethrotome Sheath**, with rotating LUER-Lock stopcock, 15.5 Fr., with Obturator 27046UO and 2 LUER-Lock cones, color code: green

**27046UO**      **Standard Obturator**, for use with Urethrotome Sheath 27046U, color code: green

**27033E**      **Working Element**



**27046K**      **Cold Knife**, straight

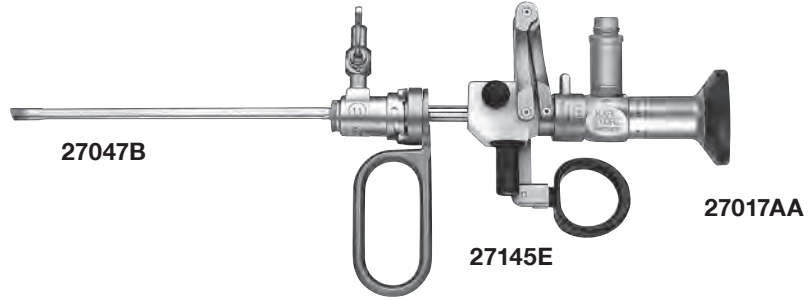
**27046KS**      **Cold Knife**, hook-shaped



**280**      **Protection Tube**, for sterilization and storage of electrodes, loops, currettes and knives

**Please note:** The knives displayed are not to be used with HF current.  
Knives are delivered in packages of 6.

10 Fr., working length 11 cm,  
for use with HOPKINS® Straight Forward Telescope 27017AA



**27047BK** **Urethrotome Sheath**, with LUER-Lock stopcock, 10 Fr., with Obturator 27047BO and 2 LUER-Lock cones, color code: green

**27145E** **Working Element**



**27147TT** **Cold Knife**, straight



**27147V** **Cold Knife**, round



**27147W** **Cold Knife**, sickle-shaped



**27147X** **Cold Knife**, hook-shaped



**27047F** **Telescope Bridge**, with 1 lockable channel

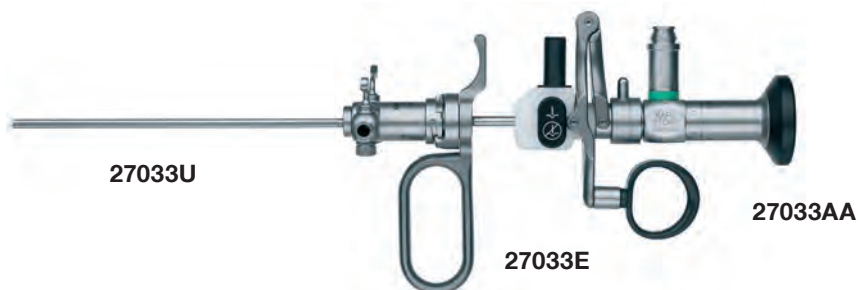


**280** **Protection Tube**, for sterilization and storage of electrodes, loops, currettes and knives

**Please note:** The knives displayed are not to be used with HF current.

Knives are delivered in packages of 6.

8 Fr., working length 12 cm,  
for use with Miniature Straight Forward Telescope 27033AA



**27033UK**      **Urethrotome Sheath**, with LUER-Lock stopcock,  
8 Fr., with Obturator 27033UO and  
2 LUER-Lock cones

**27033E**      **Working Element**



**27033TT**      **Cold Knife**, straight



**27033V**      **Cold Knife**, round



**27033W**      **Cold Knife**, sickle-shaped



**27033X**      **Cold Knife**, hook-shaped



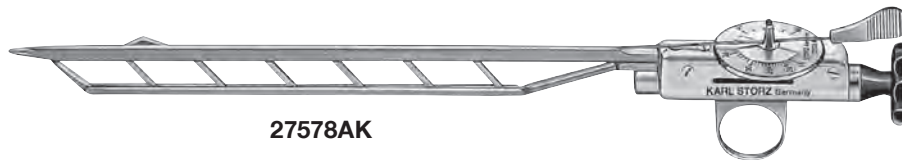
**27033F**      **Telescope Bridge**,  
with 1 lockable channel



**280**      **Protection Tube**, for sterilization and storage of electrodes, loops,  
curettes and knives

**Please note:** The knives displayed are not to be used with HF current.

Knives are delivered in packages of 6.



**27578AK**

**27578AK** OTIS-MAUERMAYER **Urethrotome**, parallel expanding, length of dilating surface 16 cm, with 2 knives

**Included in delivery:**

**27578A** OTIS-MAUERMAYER **Urethrotome**

**27578AX** **Unscrewable Tip**

**27578AM** **Knife**

**27578AM** **Knife**, for use with OTIS-MAUERMAYER Urethrotome 27578A



**27587**

SACHSE **Meatotome**



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# 06

## Lithotripsy, Mechanical Stone Forceps

|  |         |
|--|---------|
| Systems for Urology from STORZ MEDICAL | 122-125 |
| CALCULASE® III SCB                     | 126-130 |
| Mechanical Stone Forceps               | 131-133 |

## STORZ MEDICAL

### The Complete Solution for Urology

The MODULITH® SLX-F2 »connect« sets new standards in the field of stationary, multifunctional systems for ESWL and endourology. This is the only system on the market that offers the user the possibility to rotate the X-ray detector between the over- and undertable positions. This quickly and easily creates optimum ergonomics for performing all endourological interventions. A large, modern 17" X-ray flat-panel detector can be positioned close to the patient under the table. This provides an overview of the entire urogenital tract and practically makes table repositioning unnecessary during endourological interventions.

Endoscopic and ultrasound images can be displayed on freely positioned monitors, if required.

Alternatively, the proven electromagnetic STORZ MEDICAL with a penetration depth of max. 180 mm enables the non-invasive treatment of severely overweight patients up to a maximum weight of 225 kg. The MODULITH® SLX-F2 »connect« combines a lithotripter and a urological examination table in one system. State-of-the-art technology, flexibility and cost-effectiveness makes the MODULITH® SLX-F2 »connect« stand out as a unique multifunctional workstation for urology.



System setup for endourology



System setup for lithotripsy (SWL)



## STORZ MEDICAL

### Innovative X-ray technology for enhanced ESWL

As an integrated system with innovative X-ray technology and proven electromagnetic shock wave source, the MODULITH® SLX-F2 »FD21« is the optimal solution for urological departments with high stone rates. The fixed connection between X-ray, lithotripter and patient table ensures the system is always ready for daily use and that patient treatment is safe and ergonomic.

Stone localization is performed either by X-ray or ultrasound. The proven STORZ MEDICAL inline localization procedure provides a clear view of the treatment area and thereby ensures that no ribs or vulnerable tissue are in the shock wave path.

With the help of the StorM-Touch control platform, the physician can access all key X-ray and lithotripter functions from one location, allowing interactive treatment even from radiation-protected remote workspaces. The integrated StorM-Base patient database and various DICOM services support the user in their daily work and simplify the necessary documentation requirements.



## STORZ MEDICAL

### Innovative solution for stone therapy with inline localization and intuitive use

The MODULITH® SLK »inline« features the proven STORZ MEDICAL cylinder source. All types of stones in the urinary tract can be brought into focus and treated thanks to inline localization. The over- and undertable positioning of the therapy source in combination with the wide radius of motion of the integrated table allows treatment without the need for patient repositioning. Even heavy patients up to 225 kg can be safely positioned on the patient foil during treatment. This enables ideal coupling with the therapy head for transmitting shock waves without the formation of bubbles. MODULITH® SLK »inline« makes it easy to perform endourological treatments

such as URS and PCNL thanks to good access to the patient and a wide range of accessories. Due to the clearly arranged user interface on the touch screen, MODULITH® SLK »inline« is easy and intuitive to use. MODULITH® SLK »inline« can be configured according to budgetary or individual needs and requirements, ranging from the cost-effective version with a manual C-arm from the hospital inventory through to the high-end configurations with a remote workstation and motorized C-arm. The modular design concept allows a smooth upgrade of the MODULITH® SLK »inline« system at a later date.



STORZ MEDICAL

## Combination with mobile tables and C-arms

The MODULITH® SLK »intellect« can be combined with various OR tables with lateral cutout and surgical C-arms. Alignment of the system components is achieved through motorized movement of the lithotripter therapy source. Consequently, the components are available for treatment within a short period of time. The over- and undertable positions of the therapy source can be conveniently saved during the focus check and retrieved later. Markers on the therapy source facilitate a straight-forward alignment check of the C-arm and lithotripter.

The MODULITH® SLK »intellect«, which is designed with a small footprint, provides the user with good access to the patient and to the controls of the system components.



## Complement to urological X-ray workstations

The MODULITH® SLK »intellect« is the ideal complement to urological workstations such as Siemens Omnia.

This combination allows diagnosis and therapy to be performed without having to transfer the patient to another room. Patients can be treated with the compact lithotripter directly on the table of the urological workstation. With this system combination, the high image quality of the digital X-ray workstation can be used for stone localization and inline monitoring. The proven inline ultrasound localization is, of course, also available for use.

The lithotripter is positioned close to the X-ray workstation only when required. If not in use, the lithotripter can be stored in a space-saving manner whereby full access to the urological workstation is always guaranteed.



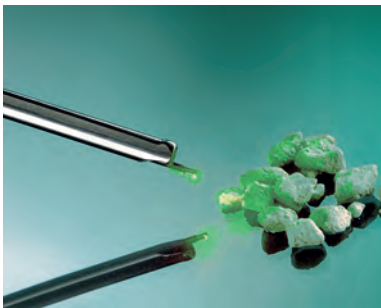
# CALCULASE® III SCB

LASER system for endoscopic stone therapy  
and soft tissue treatment



## 35 W Holmium LASER

The new 35 Watt desktop laser CALCULASE® III stands for efficient holmium: The system can be used, e.g., for soft tissue treatment such as ureteropelvic junction stenosis and the ablation of urethral carcinoma.



## Optimized pulse modes

For successful stone fragmentation, the user can choose between three pulse modes (burst, short, long). The burst mode was designed to reduce the repulsion of stone. The variable pulse length allows efficient stone fragmentation and/or pulverization.



## Diverse LASER fibers and instruments

KARL STORZ offers LASER fibers in various sizes (230, 365 and 600 µm) for both single and multiple use. Together with its wide range of rigid and flexible uretero-renoscopes equipped with fiber optic and sensor technology as well as the MIP product family, KARL STORZ offers the ideal complete solution for stone therapy and soft tissue treatment.



## Automatic fiber detection (RFID)

The new CALCULASE® III LASER features an integrated RFID technology that enables automatic identification and reprocessing control:

- Fibers are identified
- The number of applications are counted
- The possible minimum and maximum setting values are automatically set



## Touch screen

The system is controlled via a modern, high-resolution 10" HD touch screen equipped with state-of-the-art technology.

# CALCULASE® III SCB

LASER system for endoscopic stone therapy  
and soft tissue treatment



## UL300-1

**CALCULASE® III**, holmium LASER system,  
power supply 100 – 230 VAC, 50 / 60 Hz

**Included in delivery:**

|                  |  |
|------------------|--|
| <b>UL300</b>     | <b>CALCULASE® III Basic Unit</b>                 |
| <b>ET21-1002</b> | <b>Mains Cord</b>                                |
| <b>27750124</b>  | <b>One-Pedal Footswitch</b>                      |
| <b>27750235</b>  | <b>Key Set</b>                                   |
| <b>UL102</b>     | <b>Filling Set</b>                               |
| <b>27750095</b>  | <b>Safety Goggles Ho: YAG LASER,<br/>2080 nm</b> |

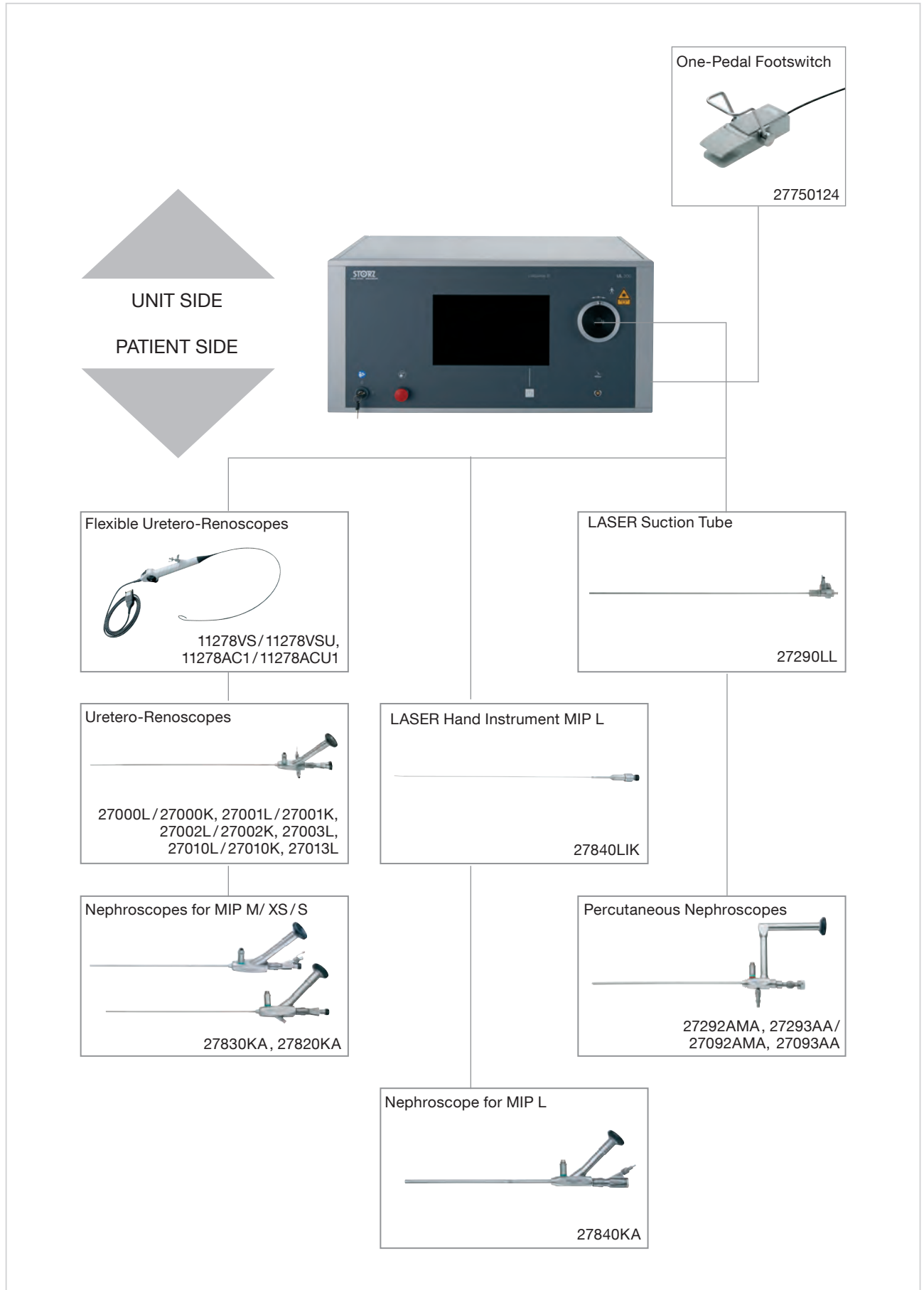
### Parameters for 230 µm and 365 / 600 µm fibers

|                    | 230 µm Fibers |           | 365 / 600 µm Fibers |           |
|--------------------|---------------|-----------|---------------------|-----------|
|                    | Frequency     | Joule     | Frequency           | Joule     |
| <b>Pulse short</b> | 4 – 30 Hz     | 0.2 – 2 J | 4 – 30 Hz           | 0.2 – 2 J |
| <b>Pulse long</b>  | 4 – 15 Hz     | 0.6 – 2 J | 4 – 15 Hz           | 0.6 – 4 J |
| <b>Pulse burst</b> | 4 – 10 Hz     | 0.6 – 2 J | 4 – 10 Hz           | 0.6 – 4 J |

For the exact parameter settings for fibers, see instruction manual

# CALCULASE® III SCB


System Components




# CALCULASE® III SCB

## Optional Components


### Fiber Sets, reusable

|   |                |   |
|---|----------------|---|
|  | <b>UL007S5</b> | <b>CALCULASE® III Fiber 230 µm</b> , sterile, reusable, length 300 cm, package of 6 |
|   | <b>UL008S5</b> | <b>CALCULASE® III Fiber 365 µm</b> , sterile, reusable, length 300 cm, package of 6 |
|   | <b>UL009S5</b> | <b>CALCULASE® III Fiber 600 µm</b> , sterile, reusable, length 300 cm, package of 6 |

### Fiber Sets, for single use

|   |                |   |
|---|----------------|---|
|  | <b>UL004S5</b> | <b>CALCULASE® III Fiber 230 µm</b> , sterile, for single use, length 300 cm, package of 6 |
|   | <b>UL005S5</b> | <b>CALCULASE® III Fiber 365 µm</b> , sterile, for single use, length 300 cm, package of 6 |
|   | <b>UL006S5</b> | <b>CALCULASE® III Fiber 600 µm</b> , sterile, for single use, length 300 cm, package of 6 |

### Optional Products

|   |                 |   |
|---|-----------------|---|
|  | <b>27750280</b> | <b>Fiber Stripper Set</b> , sterilizable, for use with CALCULASE® fibers<br><b>Included in delivery:</b><br><b>27750281</b> <b>Fiber Stripper</b> , 230 µm<br><b>27750282</b> <b>Fiber Stripper</b> , 356 µm<br><b>27750283</b> <b>Fiber Stripper</b> , 600 µm<br><b>27750284</b> <b>Ceramic Knife</b><br><b>27750285</b> <b>Silicone Pad</b> |
|  | <b>27750095</b> | <b>Safety Goggles Ho:YAG LASER</b> , 2080 nm  |

The above CALCULASE® III fibers are compatible with the predecessor model CALCULASE® (27750120-1).

## UG210



**Equipment Cart**, wide, small, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, energy beam with integrated electrical subdistributors with 6 sockets, potential equalization connectors

Dimensions:

Equipment cart: 830 x 1265 x 730 mm (w x h x d),

Shelf: 630 x 25 x 510 mm (w x h x d),

Caster diameter: 150 mm

**Included in delivery:**

**UG011 Base Module**, equipment cart, wide

**UG021 Cover**, equipment cart, wide

**UG041 Beam Package**, equipment cart, small

**UG604 Shelf**, wide

2x **UG602 Drawer Unit with Lock**, wide

2x **UG608 Equipment Rail**, long

2x **UG700 Mains Cord**, length 100 cm

## UG916



**COR LASER Mobile Stand**, rides on 4 antistatic dual wheels, with locking brakes, low beam module, incl. cable manager and handle

**Included in delivery:**

**UG803 Subrack**, for COR mobile stand, low

**UG825 LASER Shelf**, for COR mobile stand

## UG810



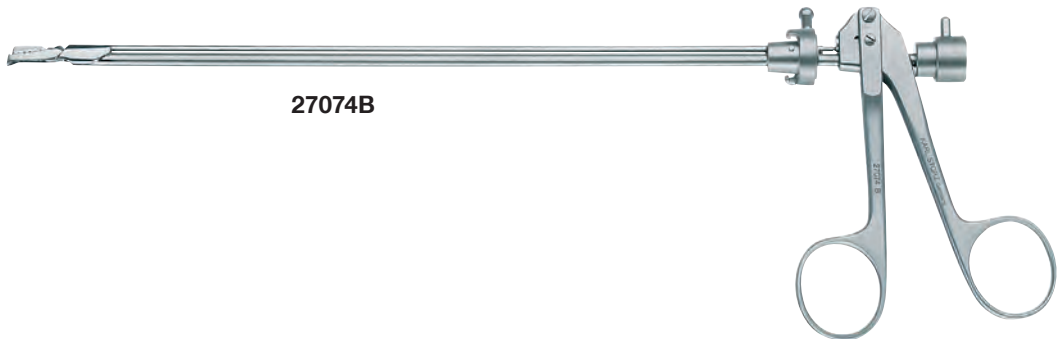
**Top Cover for COR Mobile Stand**,

dimensions (w x h x d): 158.5 x 15 x 110 mm



# Stone Crushing Forceps

For use with HOPKINS® Forward-Oblique Telescopes 27005BA, 27005FA and 25 Fr. cystoscope-urethroscope sheath and 26/28 Fr. resectoscope sheaths (through outer sheath only)



27074B



27074B

**Stone Crushing Forceps**, single action jaws

27074SZ

**Adaptor**, for use with outer sheaths of Resectoscope Sheaths 27040SD, 27040SL, 27040SM and 27050SL, 27050SM

27074SC

**Adaptor**, for use with Stone Crushing Forceps 27074B and outer sheaths of Resectoscope Sheaths 27050SC and 27050SD

For use with HOPKINS® Lateral Telescope 27005CA

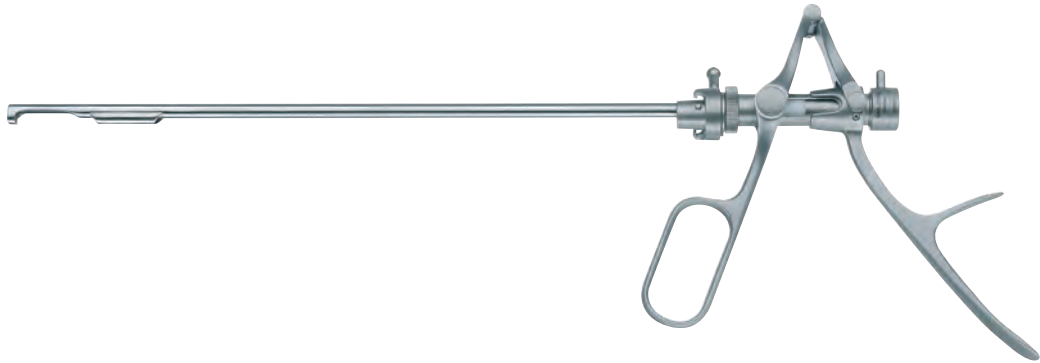


**27076AK**

**Lithotripter**, incorporating both handle and turning screw action, 24 Fr., with 2 LUER-Lock cones

# Stone Punch

For use with HOPKINS® Forward-Oblique Telescopes 27005BA, 27005FA, enlarged view  
MAUERMAYER Recommended Set



**27077A**

**Punch Working Element**



**27077BZK**

**Punch Sheath**, with central valve, 25 Fr., straight beak, with Obturator 27077DO, including tube for in- and outflow tube



**27077G**

**Sheath Insert**, with channel for flexible instruments, 7 Fr., with atraumatic beak for urethroscopy



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# 07 Optional Components

|                           |         |
|---------------------------|---------|
| Bougies, Catheters        | 136-137 |
| Meatus Clamps, Evacuators | 138     |
| Bladder Syringes          | 139     |
| Adaptors, Tubes, Seals    | 140     |

### OTIS Bougies à Boule

|               |          |               |          |
|---------------|----------|---------------|----------|
| <b>27574A</b> | 9 Fr.    | <b>27574H</b> | 19.5 Fr. |
| <b>27574B</b> | 10.5 Fr. | <b>27574J</b> | 21 Fr.   |
| <b>27574C</b> | 12 Fr.   | <b>27574K</b> | 22.5 Fr. |
| <b>27574D</b> | 13.5 Fr. | <b>27574L</b> | 24 Fr.   |
| <b>27574E</b> | 15 Fr.   | <b>27574M</b> | 25.5 Fr. |
| <b>27574F</b> | 16.5 Fr. | <b>27574N</b> | 27 Fr.   |
| <b>27574G</b> | 18 Fr.   | <b>27574O</b> | 28.5 Fr. |

27574A-O



27618

**27618** Insertion Mandrel,  
for catheters

**27575A** OTIS Bougie à Boule,  
9-12-15-18 Fr.,  
for female urethra

**27575B** Same,  
21-24-27-30 Fr.



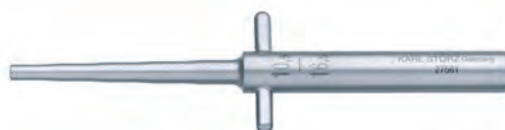
27575A



27575B



**27560**                    **Orifice Stretcher and Ruler,**  
conical, 15 – 30 Fr.



**27561**                    **Orifice Stretcher and Ruler,**  
graduated, 10.5 – 16.5 Fr., with channel

**27562**                    **Same,** 16.5 – 22.5 Fr.

**27563**                    **Same,** 22.5 – 28.5 Fr.



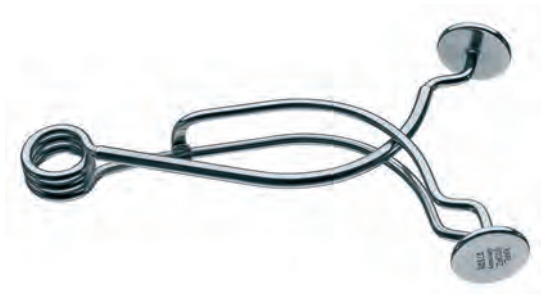
**27572A-O**

**27572A-O**                    **DITTEL Bougies,** curved, without channel

| Art. No.      | Fr.      | Art. No.      | Fr.      | Art. No.      | Fr.      |
|---------------|----------|---------------|----------|---------------|----------|
| <b>27572A</b> | 9 Fr.    | <b>27572F</b> | 16.5 Fr. | <b>27572L</b> | 24 Fr.   |
| <b>27572B</b> | 10.5 Fr. | <b>27572G</b> | 18 Fr.   | <b>27572M</b> | 25.5 Fr. |
| <b>27572C</b> | 12 Fr.   | <b>27572H</b> | 19.5 Fr. | <b>27572N</b> | 27 Fr.   |
| <b>27572D</b> | 13.5 Fr. | <b>27572J</b> | 21 Fr.   | <b>27572O</b> | 28.5 Fr. |
| <b>27572E</b> | 15 Fr.   | <b>27572K</b> | 22.5 Fr. | -             | -        |

**27573A-O**                    **BENIQUE Bougies,** curved, without channel

| Art. No.      | Fr.      | Art. No.      | Fr.      | Art. No.      | Fr.      |
|---------------|----------|---------------|----------|---------------|----------|
| <b>27573A</b> | 9 Fr.    | <b>27573F</b> | 16.5 Fr. | <b>27573L</b> | 24 Fr.   |
| <b>27573B</b> | 10.5 Fr. | <b>27573G</b> | 18 Fr.   | <b>27573M</b> | 25.5 Fr. |
| <b>27573C</b> | 12 Fr.   | <b>27573H</b> | 19.5 Fr. | <b>27573N</b> | 27 Fr.   |
| <b>27573D</b> | 13.5 Fr. | <b>27573J</b> | 21 Fr.   | <b>27573O</b> | 28.5 Fr. |
| <b>27573E</b> | 15 Fr.   | <b>27573K</b> | 22.5 Fr. | -             | -        |



**27528** STOCKMANN Meatus Clamp



**27529** STRAUSS Meatus Clamp



**27224** ELLIK Evacuator  
**Included in delivery:**  
**27224A** Connector with Tube  
**27224B** Glass Receptacle  
**27224C** Rubber Bulb, to assist suction process

**27224LO** ELLIK Evacuator, with locking device “LO”  
**Included in delivery:**  
**27224ALO** Cone with Tube and Locking Device  
**27224B** Glass Receptacle  
**27224C** Rubber Bulb, to assist suction process



27211LO



27211LO

**TOOMEY Syringe, 50 ml**

27212LO

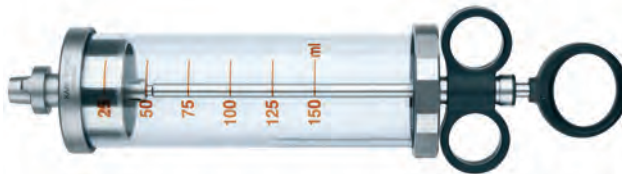
**Same, 100 ml**



27213

**Adaptor, to connect Syringe 27211LO to miniature cystoscope-urethroscope sheaths**

27218LO



27215LO

**REINER-ALEXANDER Syringe, 75 ml**

27215EL

**Spare Barrel, for use with Syringe 27215LO**

27216LO

**REINER-ALEXANDER Syringe, 100 ml**

27216EL

**Spare Barrel, for use with Syringe 27216LO**

27218LO

**REINER-ALEXANDER Syringe, 150 ml**

27218EL

**Spare Barrel, for use with Syringe 27218LO**














27220

**Catheter Adaptor, for use with Syringes 27211LO – 27218LO**



**Locking Device "LO"**

Syringes 27211 – 27218 and Evacuator 27224 are supplied with locking device "LO" to secure watertight closure between the syringe and the sheath.

|   |                  |  |
|---|------------------|--|
|    | <b>27001RA</b>   | <b>Cleaning Adaptor</b> , for Instrument Ports<br>27001G, 27001GF, 27001GH, 27001GP, 27001GG |
|    | <b>27840RA</b>   | <b>Cleaning Adaptor</b> , for use with Nephroscope for<br>MIP L and Instrument Port 27840GP  |
|    | <b>27014Y</b>    | <b>LUER-Adaptor</b> , with seal  |
|    | <b>11014Y</b>    | <b>Fiber Fixation</b>  |
|    | <b>27282</b>     | <b>Connecting Tube for In- and Outflow</b> ,<br>diameter 9 mm, length 140 cm                 |
|   | <b>27282A</b>    | <b>Outflow Tube</b> , diameter 12 mm, length 140 cm  |
|   | <b>27282B</b>    | <b>Inflow Tube</b> , with LUER-Lock Tube Connector 27500,<br>diameter 9 mm, length 80 cm     |
|  | <b>27500</b>     | <b>LUER-Lock Tube Connector</b> ,<br>male, tube diameter 9 mm                                |
|  | <b>27502</b>     | <b>LUER-Lock Tube Connector</b> , with stopcock,<br>dismantling                              |
|  | <b>27506</b>     | <b>Catheter Adaptor</b> , without stopcock,<br>LUER-Lock                                     |
|  | <b>27507</b>     | <b>Catheter Adaptor</b> , with stopcock,<br>LUER-Lock, dismantling                           |
|  | <b>27550N</b>    | <b>Seal</b> , for Instrument Ports 27001G, 27001GF,<br>27001GH, 27001GP, package of 10       |
|  | <b>27550A-10</b> | <b>Sealing Cap</b> , drill hole diameter 0.8 mm,<br>package of 10                            |
|   | <b>27550C-10</b> | <b>Same</b> , drill hole diameter 1.2 mm   |
|   | <b>27550D-10</b> | <b>Same</b> , without drill hole   |
|   | <b>27550E-10</b> | <b>Same</b> , drill hole diameter 1.6 mm   |
|   | <b>27550G-10</b> | <b>Same</b> , drill hole diameter 2.8 mm   |
|   | <b>27550L-10</b> | <b>Same</b> , drill hole diameter 3.8 mm   |

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# 08 Headlights

LED Headlight KS70

142-143

## Special Features:

- Battery lifespan of up to 18 hours (at brightness level 1) allows use during extensive procedures
- Brightness adjustment in 3 levels
- Maintenance-free, high-performance LED in combination with liquid lens technology for depth illumination via a concentration of light energy without loss of luminosity\*
- Continuously adjustable light field diameter as well as the position and angle of the light unit for orientation of the illumination path
- Ergonomic headband design
- Optical charge status display and blinking lights as low battery warning indicator
- Battery replacement possible
- Direct charging via a micro-USB plug connected to the headlight (only possible when headlight is switched off) or external charging station



094220

\* Light field diameter can be altered by adjusting the lens curvature itself – this allows a variations in the light field diameter.

## White light version

**094220**

**LED Headlight KS70**, white light, lightweight model, control unit and rechargeable battery box on headband, charging unit, illumination area adjustable from 30 – 150 mm in diameter with 40 cm working distance

**Included in delivery:**

|                  |  |
|------------------|--|
| <b>094203</b>    | <b>LED Headlight KS70</b>              |
| <b>094207</b>    | <b>Control Unit</b>                    |
| <b>094208</b>    | <b>Rechargeable Battery Box</b>        |
| <b>2x 094224</b> | <b>Battery Pack</b>                    |
| <b>094229</b>    | <b>Charger USB</b>                     |
| <b>078770</b>    | <b>Headband</b>                        |
| <b>078513</b>    | <b>Neoprene Cushion</b> , for headband |

## Yellow light version

**094230**

**LED Headlight KS70**, yellowish light, lightweight model, control unit and rechargeable battery box on headband, charging unit, illumination area adjustable from 30 – 150 mm in diameter with 40 cm working distance

**Included in delivery:**

|                  |  |
|------------------|--|
| <b>094204</b>    | <b>LED Headlight KS70</b>              |
| <b>094207</b>    | <b>Control Unit</b>                    |
| <b>094208</b>    | <b>Rechargeable Battery Box</b>        |
| <b>2x 094224</b> | <b>Battery Pack</b>                    |
| <b>094229</b>    | <b>Charger USB</b>                     |
| <b>078770</b>    | <b>Headband</b>                        |
| <b>078513</b>    | <b>Neoprene Cushion</b> , for headband |



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# 09

## Percutaneous Nephroscopes

|  |         |
|--|---------|
| Cannulas and Dilation Sets                                 | 146     |
| <hr/>  |         |
| Percutaneous Nephroscopes and<br>Operating Instruments     | 147-157 |
| <hr/>  |         |
| MIP – Minimally Invasive<br>Percutaneous Nephrolitholapaxy | 158-165 |

# Cannulas and Dilation Sets

for percutaneous nephroscopy



**27091K**      **Puncture Cannula**, for puncture of the renal collecting system, consisting of inner and outer cannulas, package of 5



**27091S**      **Guide Wire**, for introduction through Cannula 27091K/A, package of 2



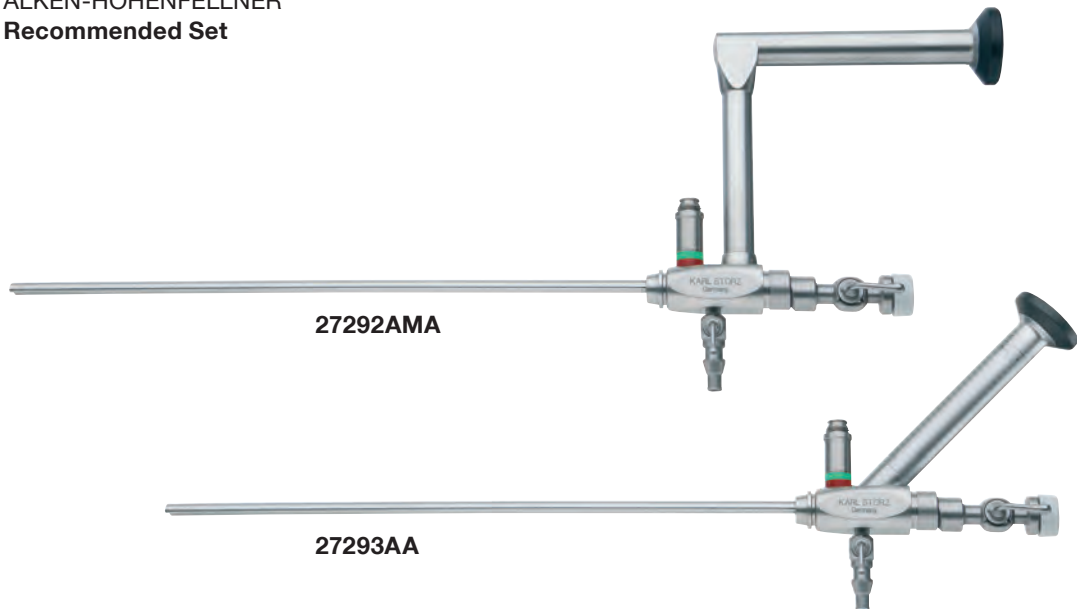
**27091A**      **Dilation Cannula**, diameter 3 mm, for introduction of a second Guide Wire 27091S, consisting of an inner and outer cannula



# Percutaneous Nephroscopes

with continuous irrigation and suction

ALKEN-HOHENFELLNER  
Recommended Set



27292AMA

27293AA

27292AMA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, with parallel eyepiece, **autoclavable**, fiber optic light transmission incorporated with working channel, with LUER-Lock connection for inflow, including 2x sealing caps, color code: green-red

or

27293AA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, with angled eyepiece, **autoclavable**, fiber optic light transmission incorporated with working channel, with LUER-Lock connection for inflow, including 2x sealing caps, color code: green-red



27290A

27290AK

**Telescope Bougies Set**, including 6 dilation sleeves 9, 12, 15, 18, 21 and 24 Fr., with 2 rigid guide wires and 2 flexible guide wires

27290AH

**Dilation Sleeve**, 27 Fr., for use with Telescope Bougies Set 27290AK

27290AJ

**Same**, 30 Fr.

# Percutaneous Nephroscopes

with continuous irrigation and suction

Working length 22 cm

Sheaths for continuous irrigation and suction



27293BD / CD

**27293BD**      **Operating Sheath**, 26 Fr., for continuous irrigation and suction, with LUER-Lock stopcock, rotating, color code: black-red

**27293BL**      **Hollow Obturator and Fascial Dilator**, color code: black-red

**27293CD**      **Operating Sheath**, 24 Fr., for continuous irrigation and suction, with LUER-Lock stopcock, rotating, color code: white-red

**27293CL**      **Hollow Obturator and Fascial Dilator**, color code: white-red



**27093GM**      **Adaptor**, for use with PCN sheaths, for introducing flexible cysto-urethroscopes through a PCN sheath



**27093GN**      **Adaptor**, for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes



**27040LB**      **Adaptor**, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27040SL, 27040SD and 27050SL

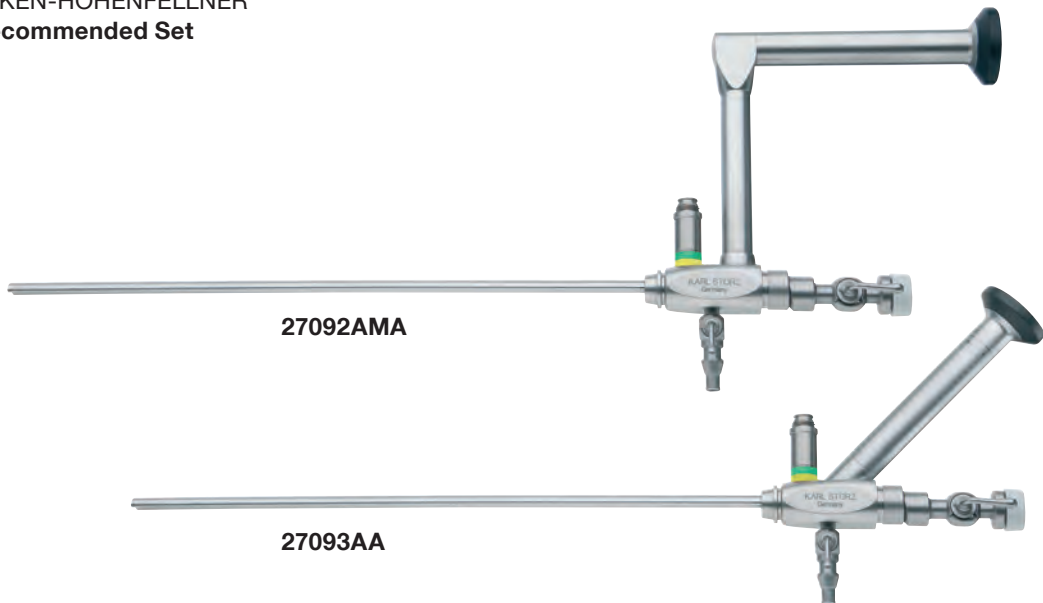


**27040SC**      **Adaptor**, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27050SC and 27050SD

# Percutaneous Nephroscopes

with continuous irrigation and suction

ALKEN-HOHENFELLNER  
Recommended Set



27092AMA

27093AA

27092AMA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, with parallel eyepiece, **autoclavable**, fiber optic light transmission incorporated with working channel, with LUER-Lock connection for inflow, color code: green-yellow

or

27093AA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, with angled eyepiece, **autoclavable**, fiber optic light transmission incorporated with working channel, with LUER-Lock connection for inflow, color code: green-yellow



27290A

27290AK

**Telescope Bougies Set**, including 6 dilation sleeves 9, 12, 15, 18, 21 and 24 Fr., with 2 rigid guide wires and 2 flexible guide wires

27290AH

**Dilation Sleeve**, 27 Fr., for use with Telescope Bougies Set 27290AK

27290AJ

**Same**, 30 Fr.

# Percutaneous Nephroscopes

with continuous irrigation and suction

Working length 16 cm

Sheaths for continuous irrigation and suction



27093BD / CD

**27093BD**      **Operating Sheath, 26 Fr.**, for continuous irrigation and suction, with LUER-Lock stopcock, rotating, color code: black-yellow

**27093ON**      **Hollow Obturator and Fascial Dilator**, color code: black

**27093CD**      **Operating Sheath, 24 Fr.**, for continuous irrigation and suction, with LUER-Lock stopcock, rotating, color code: white-yellow

**27093OC**      **Hollow Obturator and Fascial Dilator**, color code: white



**27093GM**      **Adaptor**, for use with PCN sheaths, for introducing flexible cysto-urethroscopes through a PCN sheath

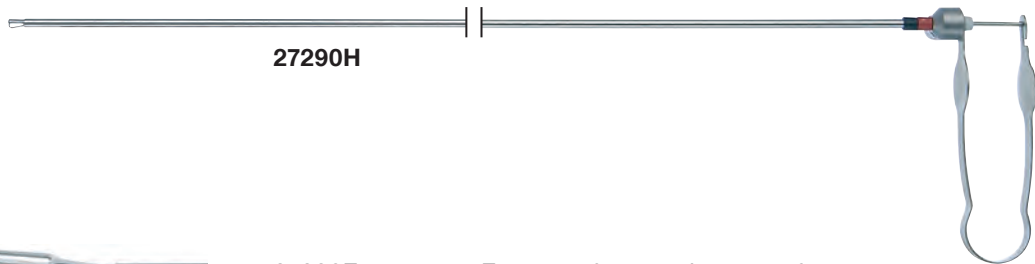


**27093GN**      **Adaptor**, for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes

# Operating Instruments

for use with percutaneous nephroscopes

ALKEN-HOHENFELLNER Recommended Set,  
for use with Percutaneous Nephroscopes 27292AMA, 27293AA, 27092AMA and 27093AA



27290H



27290F

**Forceps**, for grasping stone fragments and coagula, with fenestrated jaws and U-spring handle, 11.5 Fr., length 38 cm, color code: red-black



27290H

**Forceps**, for grasping larger stones and stone fragments, with triple serrated jaws and U-spring handle, 10.5 Fr., length 38 cm, color code: red-black



27290K

**Forceps**, for grasping larger stones and stone fragments, with fenestrated jaws and ring handle, double action jaws, 10.5 Fr., length 38 cm, color code: red-black



27290DL



27290DL

**Biopsy Forceps**, single action jaws, with ring handle, 10.5 Fr., length 38 cm, color code: red-black



27290M

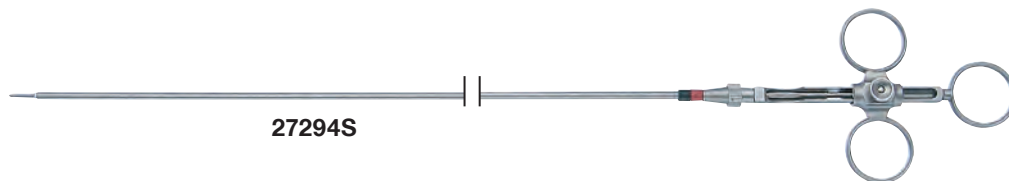
**Forceps**, for grasping larger stones and stone fragments, with serrated jaws and ring handle, double action jaws, 10.5 Fr., length 38 cm, color code: red-black



27290SA

**Scissors**, single action jaws, 10.5 Fr., length 38 cm, color code: red-black

ALKEN-HOHENFELLNER Recommended Set,  
for use with Percutaneous Nephroscopes 27292AMA, 27293AA, 27092AMA and 27093AA



27294S



27294S

**Knife**, straight, with 3-ring handle,  
10.5 Fr., length 38 cm,  
color code: red-black

27294SK

**Knife** only, length 38 cm



27294SH

**Knife**, sickle-shaped, with 3-ring handle,  
10.5 Fr., length 38 cm,  
color code: red-black

27294SB

**Knife** only, length 38 cm

27294Y

**Suction Tube**, 12 Fr., length 38 cm,  
color code: red-black



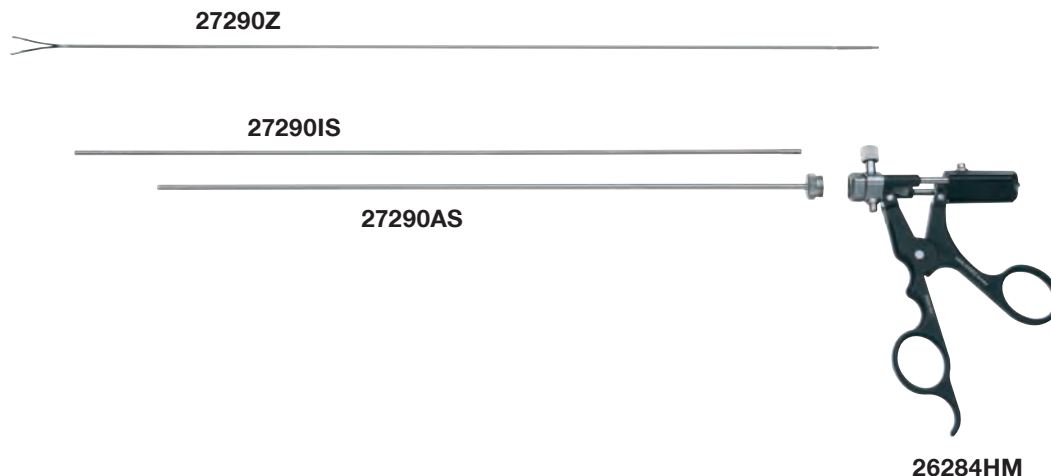
27290LL

**LASER Suction Tube**, with micro manipulator  
for precise positioning of the LASER fiber, 12 Fr.,  
length 40 cm

**Included in delivery:**

27290LA **Outer Sheath**

27290LI **Micromanipulator**,  
with LASER guidance



**27290HF**

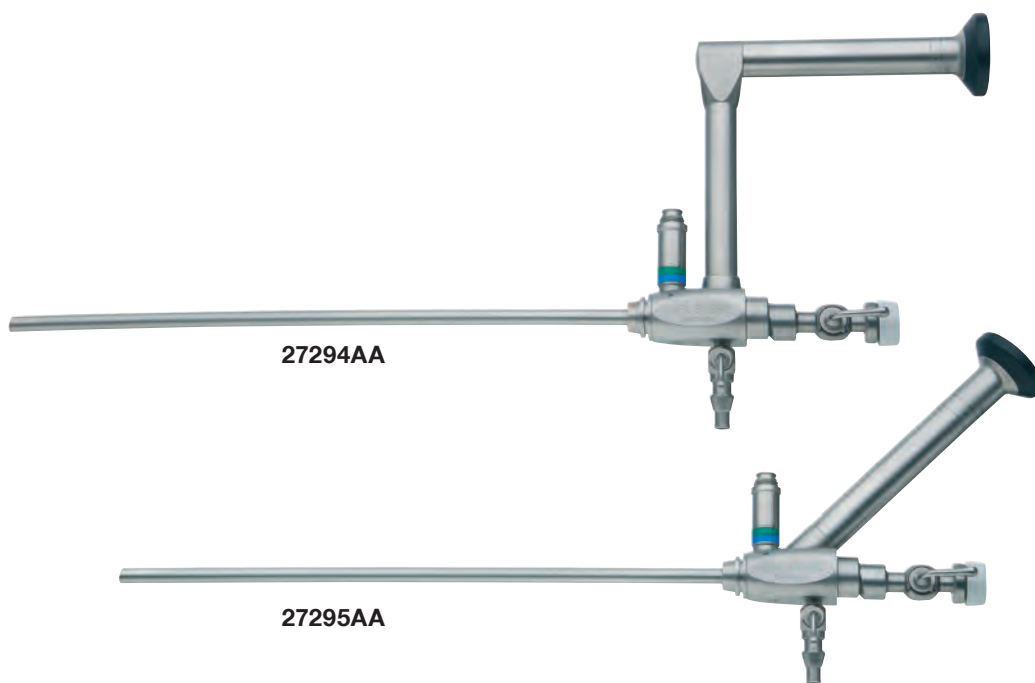
**Bipolar PCN Forceps, Set**, with serrated jaws for stone retrieval, coagulation surfaces on outside of jaws for tract coagulation, 10.5 Fr., length 36 cm

**The following items are included in delivery:**

- |                |   |
|----------------|---|
| <b>27290AS</b> | <b>Outer Sheath</b> , for bipolar PCN forceps, size 10.5 Fr., length 36 cm, for use with Inner Sheath 27290IS and Forceps Insert 27290Z   |
| <b>27290IS</b> | <b>Inner Sheath</b> , for bipolar PCN forceps, length 36 cm, for use with Outer Sheath 27290AS and Forceps Insert 27290Z  |
| <b>27290Z</b>  | <b>Forceps Insert</b> , for bipolar PCN forceps, with serrated jaws for stone retrieval, coagulation surfaces on outside of jaws for tract coagulation for use with Inner Sheath 27290IS and Outer Sheath 27290AS |
| <b>26284HM</b> | <b>TAKE-APART® Bipolar Ring Handle</b> , for bipolar instruments, with LUER-Lock connector for cleaning   |

# Percutaneous Nephroscopes, “Slender” Model

with continuous irrigation and suction



27294AA

27295AA

27294AA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, 18 Fr., with parallel eyepiece, **autoclavable**, fiber optic light transmission incorporated with 13.7 Fr. working channel, with LUER-Lock connector for inflow, including 2x sealing caps, color code: green-blue

or

27295AA

**HOPKINS® Wide-Angle Straight Forward Telescope 6°**, 18 Fr., with angled eyepiece, **autoclavable**, fiber optic light transmission incorporated with 13.7 Fr. working channel, with LUER-Lock connector for inflow, including 2x sealing caps, color code: green-blue



27290A

27294AK

**Telescope Bougies Set**, including 5 dilation sleeves, 9, 12, 15, 18 and 20 Fr., 2 rigid guide wires, 2 flexible guide wires and 1 protection tube



# Percutaneous Nephroscopes, “Slender” Model

with continuous irrigation and suction

Working length 20 cm



27294B

27294BO

27294B

**Operating Sheath, 22 Fr.**, for continuous irrigation and suction, with LUER-Lock stopcock, rotating, color code: blue

27294BO

**Hollow Obturator and Fascial Dilator**, color code: blue



27093GM

**Adaptor**, for use with PCN sheaths, for introducing flexible cysto-urethrosopes through a PCN sheath



27093GN

**Adaptor**, for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes



27294N

**Adaptor**, for use with Telescopes 27294AA, 27295AA with standard 24/26 Fr. resectoscope sheaths

# Operating Instruments

for use with HOPKINS® telescopes

7 Fr., length 40 cm,  
for use through the working channel with simultaneous irrigation  
with HOPKINS® Telescopes 27294AA, 27295AA



27035L



27035L

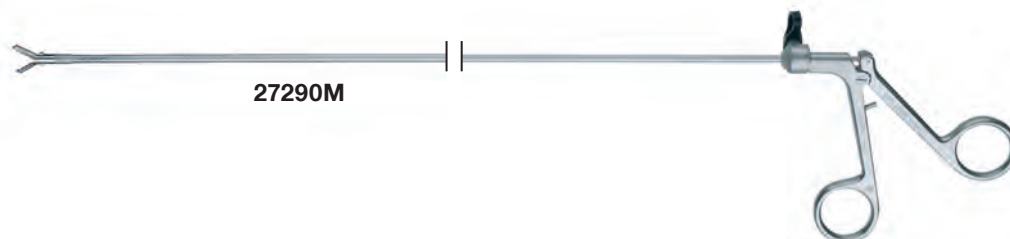
**Biopsy Forceps**, semirigid,  
double action jaws, 7 Fr.,  
length 40 cm



27035F

**Grasping Forceps**, semirigid, double action jaws,  
7 Fr., length 40 cm

Length 38 cm, color code red-black,  
for use through the working channel with HOPKINS® Telescopes 27294AA, 27295AA



27290M



27290K

**Forceps**, for grasping larger stones  
and stone fragments, with fenestrated jaws and  
ring handle, double action jaws, 10.5 Fr.,  
length 38 cm,  
color code: red-black



27290M

**Forceps**, for grasping larger stones  
and stone fragments, with fenestrated jaws and  
ring handle, double action jaws, 10.5 Fr.,  
length 38 cm,  
color code: red-black



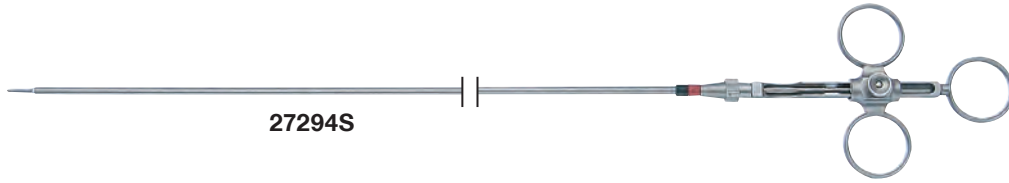
27290SA

**Scissors**, single action jaws, 10.5 Fr.,  
length 38 cm, color code: red-black

# Operating Instruments

for use with HOPKINS® telescopes

Length 38 cm, color code red-black,  
for use through the working channel with HOPKINS® Telescopes 27294AA, 27295AA



**27294S**

**Knife**, straight, with 3-ring handle,  
10.5 Fr., length 38 cm,  
color code: red-black

**27294SK**

**Knife** only, length 38 cm



**27294SH**

**Knife**, sickle-shaped, with 3-ring handle,  
10.5 Fr., length 38 cm,  
color code: red-black

**27294SB**

**Knife** only, length 38 cm



**27840KAK Nephroscope for MIP L, autoclavable**

**Specifications**

|                   |  |
|-------------------|--|
| Instrument sheath | 19.5 Fr.   |
| Working channel   | 12.4 Fr. for use with instruments up to 11.5 Fr. |
| Telescope         | HOPKINS® rod lens system, direction of view 12°  |
| Length            | 22 cm  |
| Eyepiece          | angled   |

The following products are included in delivery:



**27840GP Instrument Port for Nephroscope for MIP L**, with quick release lock, sealing system and irrigation connector, for use with Nephroscope for MIP L 27840KA and instruments up to 11.5 Fr.



**27500 LUER-Lock Tube Connector**, male, tube diameter 9 mm



**27502 LUER-Lock Tube Connector**, with stopcock, dismantling



**27001E Insertion Aid**, for guide wires

**30160XA Silicone Leaflet Valve**, package of 10

**3375099-10 Seal**, package of 10



**39501XKL Wire Tray for Cleaning, Sterilization and Storage** of nephrosopes for MIP L with a maximum working length of 27 cm, external dimensions (w x h x d): 460 x 150 x 80 mm

# Dilators, Sheaths and Applicators

for MIP L



**27840AA**

**27840AA**

**Dilator for MIP L**, 23/24 Fr., with central channel and a second eccentric channel for guide wires, for use with 23/24 Fr. Operating Sheaths 27840BA, 27840BAS

**27840AB**

**Same**, 25/26 Fr., for use with 25/26 Fr. Operating Sheaths 27840BB, 27840BBS



**27840BA**

**27840BA**

**Operating Sheath**, 23/24 Fr., working length 15 cm, for continuous irrigation and suction, for use with Nephroscope for MIP L 27840KA, Dilator 27840AA and Applicator 27840CF

**27840BB**

**Operating Sheath**, 25/26 Fr., working length 15 cm, for continuous irrigation and suction, for use with Nephroscope for MIP L 27840KA, Dilator 27840AB and Applicator 27840CF

**27840BAS**

**Operating Sheath**, for the supine position, 23/24 Fr., working length 18 cm, for continuous irrigation and suction

**27840BBS**

**Operating Sheath**, for the supine position, 25/26 Fr., working length 18 cm, for continuous irrigation and suction



**27840CF**

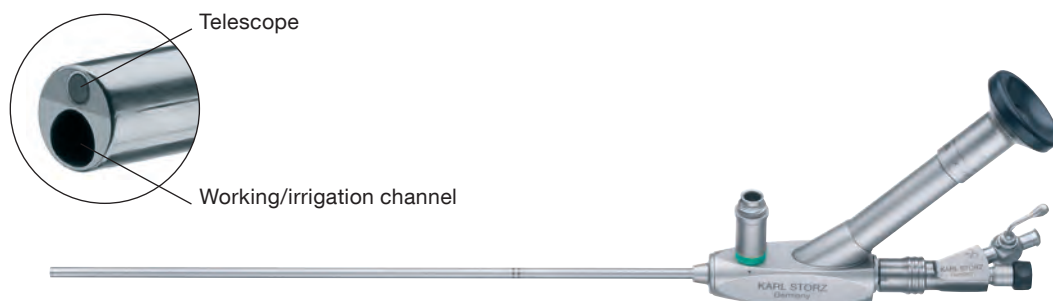
**27840CF**

**Applicator for Sealant**, including sheath and rod, for use with Operating Sheaths 27840BA, 27840BB

**27840CFS**

**Applicator for Sealant**, for the supine position, including sheath and rod, for use with Operating Sheaths 27840BAS, 27840BBS

# MIP M – Percutaneous Nephroscope



**27830KAK Nephroscope for MIP M, autoclavable**

**Specifications**

|                   |  |
|-------------------|--|
| Instrument sheath | 12 Fr.                                       |
| Working channel   | 6.7 Fr. for use with instruments up to 5 Fr. |
| Telescope         | Fiber optic system, direction of view 12°    |
| Length            | 22 cm  |
| Eyepiece          | angled                                       |

**The following products are included in delivery:**



**27001GP Instrument Port with Sealing System and Quick Release Lock, 1 channel**



**27550N Seal, for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10**



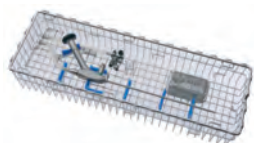
**27500 LUER-Lock Tube Connector, male, tube diameter 9 mm**



**27502 LUER-Lock Tube Connector, with stopcock, dismantling**



**27001E Insertion Aid, for guide wires**



**39501XK Wire Tray for Cleaning, Sterilization and Storage, with integrated cleaning adaptor, external dimensions (w x h x d): 460 x 150 x 80 mm**

# Dilators, Sheaths and Applicators

for MIP M



**27830AB**

**27830AA** **One Step Dilator**, with central channel for guide wires, for use with 15 / 16 Fr. Operating Sheaths 27830BA, 27830BAS

**27830AB** **One Step Dilator**, with central channel and a second eccentric channel for guide wires, for use with 16.5 / 17.5 Fr. Operating Sheaths 27830BB, 27830BBS, 27830BK

**27830AC** **Same**, for use with 21 / 22 Fr. Operating Sheaths 27830BC, 27830BCS



**27830BB**

**27830BA** **Operating Sheath**, 15 / 16 Fr., working length 15 cm, for continuous irrigation and suction

**27830BB** **Same**, 16.5 / 17.5 Fr.

**27830BC** **Same**, 21 / 22 Fr.

**27830BAS** **Operating Sheath**, for the supine position, 15 / 16 Fr., working length 18 cm, for continuous irrigation and suction

**27830BBS** **Same**, 16.5 / 17.5 Fr.

**27830BCS** **Same**, 21 / 22 Fr.

**27830BK** **Operating Sheath**, 16.5 / 17.5 Fr., working length 7.5 cm, for continuous irrigation and suction



**27830CF**

**27830CF** **Applicator for Sealant**, including sheath and rod, for use with Operating Sheaths 27830BA, 27830BB, 27830BC

**27830CFS** **Applicator for Sealant**, for the supine position, including sheath and rod, for use with Operating Sheaths 27830BAS, 27830BBS, 27830BCS

**27001GG** **Instrument Port with Sealing System and Quick Release Lock**, large, 1 channel, for use with accessories up to 6 Fr. (diameter 2 mm) in combination with Nephroscope for MIP M 27830KA



**27820KAK Nephroscope for MIP XS/S, autoclavable**

**Specifications**

|                             |  |
|-----------------------------|--|
| Instrument sheath           | 7.5 Fr.                                  |
| Working channel             | 2 Fr.                                    |
| Separate irrigation channel | 3 Fr.                                    |
| Telescope                   | Fiber optic system, direction of view 6° |
| Length                      | 24 cm                                    |
| Eyepiece                    | angled                                   |

**The following products are included in delivery:**



**27001G Instrument Port with Sealing System and Quick Release Lock, 1 channel**



**27550N Seal, for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10**



**27500 LUER-Lock Tube Connector, male, tube diameter 9 mm**



**27502 LUER-Lock Tube Connector, with stopcock, dismantling**



**27001E Insertion Aid, for guide wires**



**39501XRV Multiport Bridge, for Wire Tray 39501X and for Wire Tray 39501XK**



**39107ALK Cleaning Adaptor, for use with LUER stopcocks, small**

**39501XK Wire Tray for Cleaning, Sterilization and Storage, with integrated cleaning adaptor, external dimensions (w x h x d): 460 x 150 x 80 mm**



# Dilators, Sheaths and Applicators

for MIP XS/S

## Dilator and Operating Sheaths for MIP XS



**27820AA** **One Step Dilator**, with central channel for guide wires, for use with 8.5/9.5 Fr. Operating Sheaths 27820BA, 27820BAS



**27820BA**

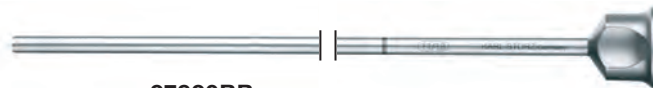
**27820BA** **Operating Sheath**, 8.5/9.5 Fr., working length 15 cm

**27820BAS** **Operating Sheath**, for the supine position, 8.5/9.5 Fr., working length 18 cm

## Dilator and Operating Sheaths for MIP S



**27820AB** **One Step Dilator**, with central channel for guide wires, for use with 11 / 12 Fr. Operating Sheath 27820BB



**27820BB**

**27820BB** **Operating Sheath**, 11 / 12 Fr., working length 15 cm, for continuous irrigation and suction

**27820BBS** **Operating Sheath**, for the supine position, 11 / 12 Fr., working length 18 cm, for continuous irrigation and suction

**27820BK** **Operating Sheath**, 11 / 12 Fr., working length 7.5 cm, for continuous irrigation and suction

## Applicator for MIP XS/S



**27820CF**

**27820CF** **Applicator for Sealant**, including sheath and rod, for use with Operating Sheaths 27820BA, 27820BB

**27820CFS** **Applicator for Sealant**, for the supine position, including sheath and rod, for use with Operating Sheaths 27820BAS, 27820BBS

# Optional Products

for MIP L/M

## Optional products for MIP L



**27290F**

**Forceps**, for grasping stone fragments und coagula, with fenestrated jaws and U-spring handle, 11.5 Fr., length 38 cm



**27290H**

**Forceps**, for grasping larger stones and stone fragments, with triple serrated jaws and U-spring handle, 10.5 Fr., length 38 cm



**27290K**

**Forceps**, for grasping larger stones und stone fragments, with fenestrated jaws and ring handle, double action jaws, 10.5 Fr., length 38 cm



**27290M**

**Forceps**, for grasping larger stones and stone fragments, with serrated jaws and ring handle, double action jaws, 10.5 Fr., length 38 cm



**27294S**

**Knife**, straight, with 3-ring handle, 10.5 Fr., length 38 cm

**27294SK**

**Knife** only, length 38 cm



**27294SH**

**Knife**, sickle-shaped, with 3-ring handle, 10.5 Fr., length 38 cm

**27294SB**

**Knife**, only, length 38 cm



**27840DS**

**Sealing Ring**, for Instrument Port 27840GP, drill hole 0.7 mm, package of 10, for use with thin lithotripsy probes

# Optional Products

for MIP L/M

## Optional products for MIP L



**27840LIK**

**LASER Hand Instrument for MIP L**, distal tip bent upwards, fixation for LASER fibers and sealing system, working length 35 cm, for use with Nephroscope for MIP L 27840KA and Instrument Port MIP L 27840GP as well as LASER fibers up to diameter 1 mm

## Optional products for MIP M



**27830FK**

**Forceps for Foreign Body Removal**, double action jaws, flexible, 5 Fr., length 40 cm



**27830FL**

**Biopsy Forceps**, double action jaws, flexible, 5 Fr., length 40 cm



**27830S**

**Scissors**, single action jaws, semiflexible, 5 Fr., working length 40 cm



**27830H**

**Forceps**, rigid, for grasping larger stones and stone fragments, with triple serrated jaws and U-spring handle, 5 Fr., length 36 cm



# 10 Uretero-Renoscopes

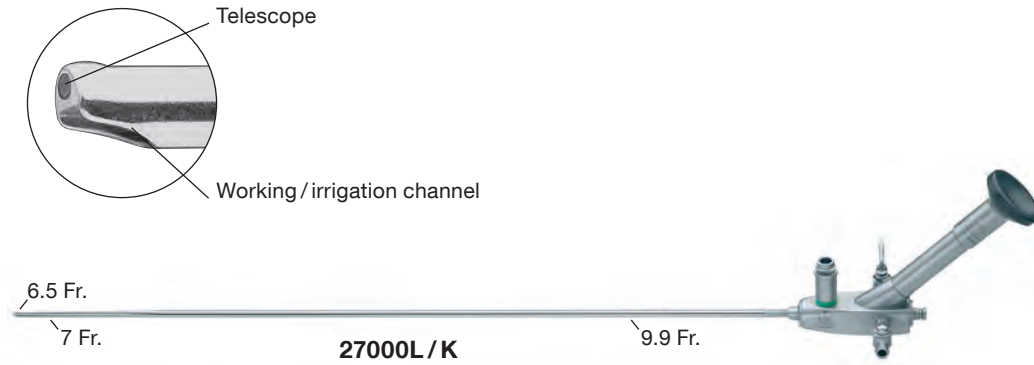
## Rigid

|   |          |
|---|----------|
| Uretero-Renoscope, 7 Fr.  | 168, 172 |
| Uretero-Renoscope, 8 Fr.  | 169      |
| Uretero-Renoscope, 9.5 Fr.  | 170-171  |
| GAUTIER Uretero-Renoscope, 8 Fr.                                  | 173      |
| Uretero-Renoscope, 7.3 Fr.  | 174      |
| Optional Components   | 175-177  |
| Instruments   | 178-181  |
| PÈREZ-CASTRO Uretero-Renoscope,<br>12 Fr.                         | 182-183  |
| <b>With distal chip technology and<br/>fiber optics, flexible</b> |          |
| Cysto-Urethro-Fiberscopes FLEX-X <sup>2</sup>                     | 184-185  |
| Video Uretero-Renoscopes FLEX-X <sup>C</sup>                      | 186-188  |
| Video Uretero-Renoscopes FLEX-X <sup>C1</sup> ,<br>for single use | 189-192  |
| Uretero-Renoscopes FLEX-X <sup>2S</sup>                           | 193-196  |
| Optional Components   | 197      |
| Plastic Containers  | 198      |

# Uretero-Renoscope, Ureterscope

Rigid

7 Fr., lengths 43 and 34 cm



**27000LK**      **Uretero-Renoscope, Set, autoclavable, length 43 cm**

**27000KK**      **Ureterscope, Set, autoclavable, length 34 cm**

### Specifications

|                   |   |
|-------------------|---|
| Distal tip        | 6.5 Fr.                                       |
| Instrument sheath | 7 Fr., 1 step, 9.9 Fr.                        |
| Working channel   | 4.8 Fr., for use with instruments up to 4 Fr. |
| Telescope         | Fiber optic system, direction of view 6°      |
| Length            | 43 and 34 cm                                  |
| Eyepiece          | angled, rigid                                 |

# Uretero-Renoscope, Ureteroscope

Rigid

8 Fr., lengths 43 and 34 cm



**27001LK**      **Uretero-Renoscope, Set, autoclavable, length 43 cm**

**27001KK**      **Ureteroscope, Set, autoclavable, length 34 cm**

### Specifications

|                   |   |
|-------------------|---|
| Distal tip        | 7 Fr.                                       |
| Instrument sheath | 8 Fr., 1 step, 12 Fr.                       |
| Working channel   | 5 Fr., for use with instruments up to 4 Fr. |
| Telescope         | Fiber optic system, direction of view 6°    |
| Length            | 43 and 34 cm                                |
| Eyepiece          | angled, rigid                               |

# Uretero-Renoscope, Ureteroscope

Rigid

9.5 Fr., lengths 43 and 34 cm



**27002LK**      **Uretero-Renoscope, Set, autoclavable, length 43 cm**

**27002KK**      **Ureteroscope, Set, autoclavable, length 34 cm**

### Specifications

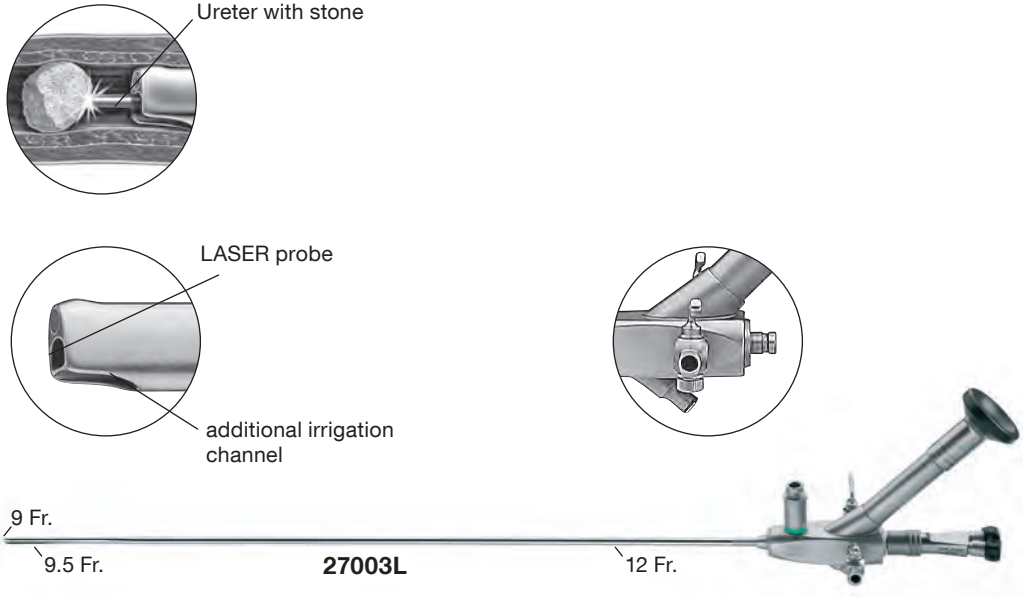
|                   |   |
|-------------------|---|
| Distal tip        | 8 Fr.                                       |
| Instrument sheath | 9.5 Fr., 1 step, 12 Fr.                     |
| Working channel   | 6 Fr., for use with instruments up to 5 Fr. |
| Telescope         | Fiber optic system, direction of view 6°    |
| Length            | 43 and 34 cm                                |
| Eyepiece          | angled, rigid                               |



# MICHEL Uretero-Renoscope

Rigid

9.5 Fr., length 43 cm



**27003LK**

**MICHEL Uretero-Renoscope, Set, autoclavable,**  
length 43 cm

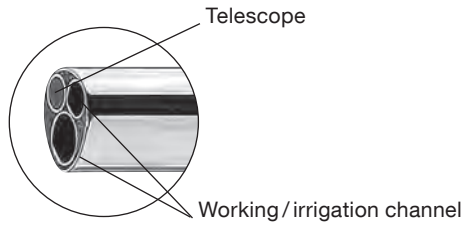
### Specifications

|                   |  |
|-------------------|--|
| Distal tip        | 9 Fr.  |
| Instrument sheath | 9.5 Fr., 1 step, 12 Fr.  |
| Working channel   | for simultaneous use of<br>2 and 3 Fr. instruments<br>and probes |
| Telescope         | Fiber optic system, direction of view 6°                         |
| Length            | 43 cm  |
| Eyepiece          | angled, rigid  |

# Uretero-Renoscope, Ureteroscope

Rigid

7 Fr., lengths 43 and 34 cm



**27010LK**      **Uretero-Renoscope, Set, autoclavable, length 43 cm**

**27010KK**      **Ureteroscope, Set, autoclavable, length 34 cm**

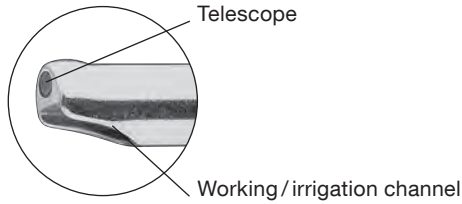
### Specifications

|                                |  |
|--------------------------------|--|
| Distal tip                     | 7 Fr.  |
| Instrument sheath              | 7 Fr., 1 step, conical,<br>8.4 – 9.9 Fr.         |
| Working channel                | 3.4 Fr., for use with<br>instruments up to 3 Fr. |
| Separate irrigation<br>channel | 2.4 Fr.  |
| Telescope                      | Fiber optic system, direction of view 6°         |
| Length                         | 43 and 34 cm                                     |
| Eyepiece                       | straight, rigid                                  |

# GAUTIER Uretero-Renoscope

Rigid, with HOPKINS® rod lens system

8 Fr., length 41 cm



**27013LK**

GAUTIER Uretero-Renoscope, Set, autoclavable,  
length 41 cm

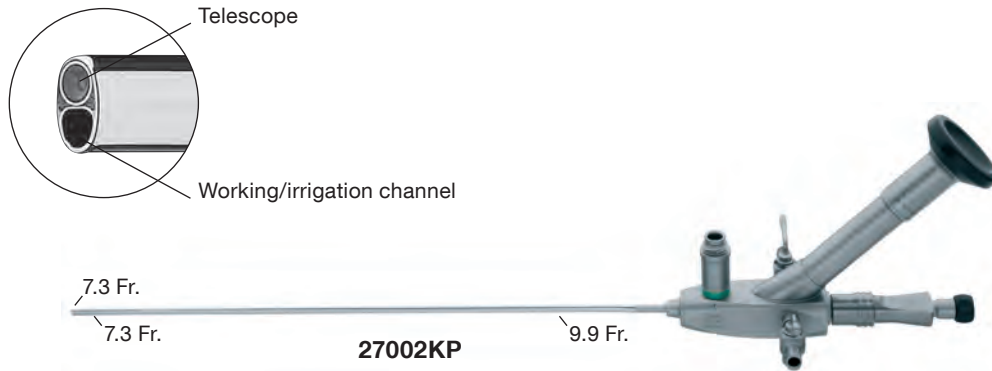
### Specifications

|                   |   |
|-------------------|---|
| Distal tip        | 7 Fr.   |
| Instrument sheath | 8 Fr., 1 step, conical,<br>8 – 13.5 Fr.           |
| Working channel   | 5 Fr., for use with<br>instruments up to 4 Fr.    |
| Telescope         | HOPKINS® rod lens system,<br>direction of view 6° |
| Length            | 41 cm   |
| Eyepiece          | straight, rigid                                   |

# Uretero-Renoscope

Rigid

7.3 Fr., working length 25 cm



**27002KPK**

**Uretero-Renoscope, Set, autoclavable, working length 25 cm**

### Specifications


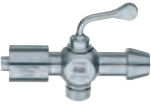


|                   |   |
|-------------------|---|
| Distal tip        | 7.3 Fr.                                       |
| Instrument sheath | 1 step, conical, 7.3 – 9.9 Fr.                |
| Working channel   | 3.6 Fr., for use with instruments up to 3 Fr. |
| Telescope         | Fiber optic system, direction of view 6°      |
| Working length    | 25 cm   |
| Eyepiece          | angled, rigid                                 |

# Uretero-Renoscopes, Ureterscopes, rigid



## Optional Components

For use with 27000L, 27000K, 27001L, 27001K, 27002L, 27002K, 27003L and 27013L

The following accessories are included in delivery:

|   |               |  |
|---|---------------|--|
|    | <b>27001G</b> | <b>Instrument Port with Sealing System and Quick Release Lock, 1 channel</b>                                 |
|    | <b>27550N</b> | <b>Seal, for Instrument Ports 27001G, 27001G, 27001GH, 27001GP, package of 10</b>                            |
|    | <b>27500</b>  | <b>LUER-Lock Tube Connector, male, tube diameter 9 mm</b>  |
|    | <b>27502</b>  | <b>LUER-Lock Tube Connector, with stopcock, dismantling</b>  |
|    | <b>27504</b>  | <b>Flow Control Stopcock</b>   |
|  | <b>27001E</b> | <b>Insertion Aid, for guide wires</b>  |
|  | <b>39501X</b> | <b>Wire Tray for Cleaning, Sterilization and Storage, external dimensions (w x d x h): 644 x 150 x 80 mm</b> |

Optional accessories:

|   |                |  |
|---|----------------|--|
|  | <b>27001GF</b> | <b>Instrument Port with Sealing System and Quick Release Lock, 2 channels</b>  |
|  | <b>27001GH</b> | <b>Instrument Port with Sealing System and Quick Release Lock, 2 channels, 1 straight channel, 1 lateral channel</b> |

# Uretero-Renoscopes, Ureteroscopes, rigid

## Optional Components

For use with 27010L, 27010K

The following accessories are included in delivery:







|   |               |  |
|---|---------------|--|
|    | <b>27014Y</b> | <b>LUER-Adaptor, with seal</b>   |
|    | <b>11014Y</b> | <b>Fiber Fixation</b> , instrument port for the insertion and fixation of LASER fibers, stone baskets, wires etc. in flexible endoscopes |
|    | <b>27550N</b> | <b>Seal</b> , for Instrument Ports 27001G, 27001G, 27001GH, 27001GP, package of 10   |
|    | <b>27500</b>  | <b>LUER-Lock Tube Connector</b> , male, tube diameter 9 mm   |
|    | <b>27502</b>  | <b>LUER-Lock Tube Connector</b> , with stopcock, dismantling   |
|  | <b>27001E</b> | <b>Insertion Aid</b> , for guide wires   |
|  | <b>39501X</b> | <b>Wire Tray for Cleaning, Sterilization and Storage</b> , external dimensions (w x d x h): 644 x 150 x 80 mm                            |

# Uretero-Renoscopes, Ureterscopes, rigid



## Optional Components

For use with 27002KP










The following accessories are included in delivery:

|   |                |  |
|---|----------------|--|
|    | <b>27001G</b>  | <b>Instrument Port with Sealing System and Quick Release Lock, 1 channel</b>                                 |
|    | <b>27550N</b>  | <b>Seal, for Instrument Ports 27001G, 27001G, 27001GH, 27001GP, package of 10</b>                            |
|    | <b>27500</b>   | <b>LUER-Lock Tube Connector, male, tube diameter 9 mm</b>  |
|    | <b>27502</b>   | <b>LUER-Lock Tube Connector, with stopcock, dismantling</b>  |
|    | <b>27504</b>   | <b>Flow Control Stopcock</b>   |
|  | <b>27001E</b>  | <b>Insertion Aid, for guide wires</b>  |
|  | <b>39501XK</b> | <b>Wire Tray for Cleaning, Sterilization and Storage, external dimensions (w x d x h): 644 x 150 x 80 mm</b> |

Optional accessories:

|   |                |  |
|---|----------------|--|
|  | <b>27001GF</b> | <b>Instrument Port with Sealing System and Quick Release Lock, 2 channels</b>  |
|  | <b>27001GH</b> | <b>Instrument Port with Sealing System and Quick Release Lock, 2 channels, 1 straight channel, 1 lateral channel</b> |

For use with 27000L, 27000K, 27001L and 27001K

|   |                |   |
|---|----------------|---|
|    | <b>27424F</b>  | <b>Forceps</b> , rigid, for grasping stone fragments, double action jaws, 4 Fr., length 60 cm, color code: blue                                     |
|    | <b>27424P</b>  | <b>Forceps</b> , rigid, for grasping larger stones and fragments, double action jaws, 4 Fr., length 60 cm, color code: blue                         |
|    | <b>27424Z</b>  | <b>Biopsy Forceps</b> , rigid, double action jaws, 4 Fr., length 60 cm, color code: blue  |
|    | <b>27424R</b>  | <b>PÉREZ-CASTRO Forceps</b> , rigid, for long jaws, for Steinstrasse, double action jaws, 4 Fr., length 60 cm, color code: blue                     |
|   | <b>27424U</b>  | <b>Splitting Forceps</b> , rigid, cutting upwards, single action jaws, 4 Fr., length 60 cm, color code: blue  |
|  | <b>27023TD</b> | <b>Stone Basket</b> , nitinol, with tip, helical, 2.5 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use                   |
|  | <b>27023LD</b> | <b>Stone Basket</b> , nitinol, without tip, straight, 2.5 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use, package of 3 |
|  | <b>27023TF</b> | <b>Stone Basket</b> , nitinol, with tip, helical, 3 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use                     |
|  | <b>27023Y</b>  | <b>Cytology Brush</b> , 3 Fr., unsterile, for single use, package of 5  |



For use with 27010L, 27010K, 27003L and 27002KP



**27023FM**

**Forceps**, rigid, for grasping stone fragments, double action jaws, 3 Fr., length 60 cm, color code: green



**27023TD**

**Stone Basket**, nitinol, with tip, helical, 2.5 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use



**27023LD**

**Stone Basket**, nitinol, without tip, straight, 2.5 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use, package of 3



**27023TF**

**Stone Basket**, nitinol, with tip, helical, 3 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use



**27023Y**

**Cytology Brush**, 3 Fr., unsterile, for single use, package of 5

For use with 27002L and 27002K



**27425F**

**Forceps**, rigid, for grasping stone fragments, double action jaws, 5 Fr., length 60 cm, color code: red

**27425FG**

**Same**, flexible



**27425P**

**Forceps**, rigid, for grasping larger stones and fragments, double action jaws, 5 Fr., length 60 cm, color code: red

**27425PG**

**Same**, flexible



**27425Z**

**Biopsy Forceps**, rigid, double action jaws, 5 Fr., length 60 cm, color code: red

**27425ZG**

**Same**, flexible



**27425R**

**PÉREZ-CASTRO Forceps**, rigid, for long jaws, for Steinstrasse, double action jaws, 5 Fr., length 60 cm, color code: red

**27425RG**

**Same**, flexible



**27425U**

**Splitting Forceps**, rigid, cutting upwards, single action jaws, 5 Fr., length 60 cm, color code: red

For use with 27002L and 27002K



**27023VK**

**Stone Basket**, 5 Fr./1.67 mm, length 60 cm

**Included in delivery:**

**27023VT**      **3-Ring Handle**

3x **27023VR**    **Basket**

3x **27023VS**    **Coil**



**27023TF**

**Stone Basket**, nitinol, with tip, helical, 3 Fr., length 120 cm, 4 wires, basket diameter 16 mm, sterile, for single use



**27023LF**

**Stone Basket**, nitinol, without tip, straight, 3 Fr., length 120 cm, 4 wires, basket diameter 12 mm, sterile, for single use, package of 3



**27023Y**

**Cytology Brush**, 3 Fr., unsterile, for single use, package of 5

# PÉREZ-CASTRO Uretero-Resectoscope

Telescope, Working Element and Electrodes

12 Fr.



**27023ABA**

**HOPKINS® Straight Forward Telescope 0°**, diameter 2.8 mm, **autoclavable**, fiber optic light transmission incorporated, color code: green

**Cutting by means of a spring. Movable thumb ring**

In rest position the electrode is inside the sheath.

**27145E**

**Working Element**



**27123L**

| Distal tip | 12 Fr.,<br>color code: yellow | Instrument description                      |
|------------|-------------------------------|---|
|            | <b>27123L</b>                 | <b>Cutting Loop</b> , angled                |
|            | <b>27123M</b>                 | <b>Coagulation Electrode</b> , knife-shaped |

Electrodes are delivered in packages of 6.

# PÉREZ-CASTRO Uretero-Resectoscope

Sheath and Knife

12 Fr.



27023RB

**27023RB**      **Sheath**, 12 Fr., tip rounded upwards,  
for use with PÉREZ-CASTRO uretero-resectoscope

**27123K**      **Cold Knife**, straight (not to be used with HF current)



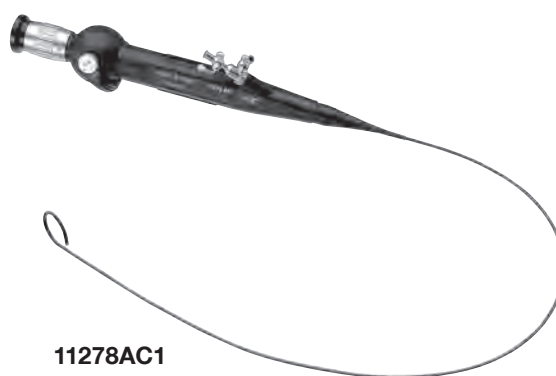
**280L**      **Protection Tube**, for sterilization and storage of electrodes,  
curettes and knives

# Cysto-Urethro-Fiberscopes FLEX-X<sup>2</sup>

7.5 Fr



| Order no.  | Cysto-Urethro-Fiberscopes FLEX-X <sup>2</sup> | Deflection of distal tip | Direction of view | Angle of view | Working length | Working channel inner diameter | Sheath size |
|------------|---|--------------------------|-------------------|---------------|----------------|--------------------------------|-------------|
| 11278ACK1  | positive deflection mechanism                 |                          | 0°                | 88°           | 45 cm          | 3.6 Fr.                        | 7.5 Fr.     |
| 11278ACUK1 | contrapositive deflection mechanism           |                          | 0°                | 88°           | 45 cm          | 3.6 Fr.                        | 7.5 Fr.     |





11278AC1









**11278ACK1** Cysto-Urethro-Fiberscope Flex-X<sup>2</sup>, steerable, with positive deflection mechanism, deflection of distal tip 270°/270°, direction of view 0°, angle of view 88°, working channel inner diameter 3.6 Fr., sheath size 7.5 Fr., working length 45 cm

**11278ACUK1** Cysto-Urethro-Fiberscope Flex-X<sup>2</sup>, steerable, with contrapositive deflection mechanism, deflection of distal tip 270°/270°, direction of view 0°, angle of view 88°, working channel inner diameter 3.6 Fr., sheath size 7.5 Fr., working length 45 cm

The following accessories are included in delivery:

|   |                  |  |
|---|------------------|--|
|   | <b>27677A</b>    | <b>Case</b>  |
|   | <b>13242XL</b>   | <b>Leakage Tester</b> , with bulb and manometer  |
|  | <b>110931-50</b> | <b>Cleaning Brush</b> , length 125 cm, brush diameter 1.7 mm, unsterile, for single use, package of 50 |
|  | <b>27014Y</b>    | <b>LUER-Adaptor</b> , with seal  |
|   | <b>11025E</b>    | <b>Pressure Compensation Cap</b> , for ventilation during gas and plasma sterilization                 |

Optional accessories:

|   |                  |  |
|---|------------------|--|
|   | <b>27014Y</b>    | <b>LUER-Adaptor</b> , with seal  |
|  | <b>27770AB</b>   | <b>Coagulation Electrode</b> , 3 Fr., length 73 cm   |
|  | <b>27025PN</b>   | <b>Guide Wire</b> , 3 Fr., sterile, package of 5   |
|  | <b>11274FE</b>   | <b>Grasping Forceps</b> , double action jaws, flexible, 3 Fr./1 mm, length 60 cm                       |
|  | <b>11274ZE</b>   | <b>Biopsy Forceps</b> , double action jaws, flexible, 3 Fr./1 mm, length 60 cm                         |
|  | <b>27550N</b>    | <b>Seal</b> , for Instrument Ports 27001G, 27001G, 27001GH, 27001GP, package of 10                     |
|  | <b>110931-50</b> | <b>Cleaning Brush</b> , length 125 cm, brush diameter 1.7 mm, unsterile, for single use, package of 50 |
|  | <b>27001RA</b>   | <b>Cleaning Adaptor</b>  |

# Video Uretero-Renoscopes FLEX-X<sup>C</sup>, flexible

8.5 Fr.



| Order no. | Video Uretero-Renoscopes            | Deflection of distal tip | Direction of view | Angle of view | Working length | Working channel inner diameter | Sheath size |
|-----------|-------------------------------------|--------------------------|-------------------|---------------|----------------|--------------------------------|-------------|
| 11278VSK  | positive deflection mechanism       |                          | 0°                | 105°          | 70 cm          | 3.6 Fr.                        | 8.5 Fr.     |
| 11278VSUK | contrapositive deflection mechanism |                          | 0°                | 105°          | 70 cm          | 3.6 Fr.                        | 8.5 Fr.     |



11278VS

**11278VSK** **Video Uretero-Renoscope FLEX-X<sup>C</sup>, Set**, steerable, compatible with IMAGE1 S<sup>TM</sup>, with positive deflection mechanism, deflection of distal tip 270°/270°, direction of view 0°, angle of view 105°, working channel inner diameter 3.6 Fr., sheath size 8.5 Fr., working length 70 cm

**11278VSUK** **Video Uretero-Renoscope FLEX-X<sup>C</sup>, Set**, steerable, compatible with IMAGE1 S<sup>TM</sup>, with contrapositive deflection mechanism, deflection of distal tip 270°/270°, direction of view 0°, angle of view 105°, working channel inner diameter 3.6 Fr., sheath size 8.5 Fr., working length 70 cm

Flexible Video Uretero-Renoscopes 11278VS, 11278VSU are compatible with the IMAGE1 S<sup>TM</sup> Camera Control Unit.



# Video Uretero-Renoscopes FLEX-X<sup>C</sup>, flexible

The following accessories are included in delivery:

27677X Case

13242XL Leakage Tester, with bulb and manometer



110931-50 Cleaning Brush, length 125 cm, brush diameter 1.7 mm, unsterile, for single use, package of 50



27014Y LUER-Adaptor, with seal

11025E Pressure Compensation Cap, for ventilation during gas and plasma sterilization

# Video Uretero-Renoscopes FLEX-X<sup>C</sup>, flexible

Overview

**FLEX-X<sup>C</sup>**

**IMAGE1 S**

Video Uretero-Renoscopes, flexible



11278VS, 11278VSU

IMAGE1 S<sup>TM</sup> Camera System



TC200EN\*\*/TC201EN\*\*  
TC301

Monitor



TM220

\* Available in the following languages: DE, ES, FR, IT, PT, RU

# Video Uretero-Renoscopes FLEX-X<sup>C1</sup>, flexible for single use

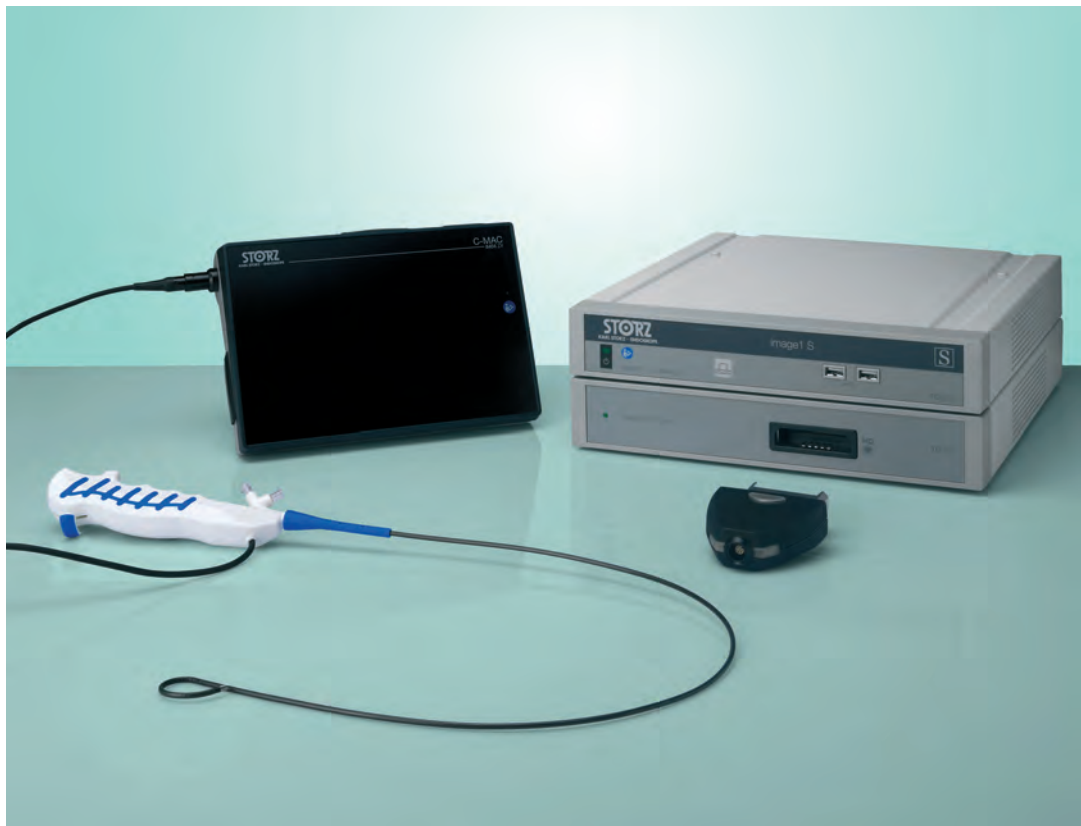
Situations where the use of single-use endoscopes may be recommended:



- Highly infectious patients
- Clinics without in-house reprocessing departments
- Irregular use of flexible endoscopes
- Backup for reusable endoscopes
- Complex anatomy
- Training of assistant physicians

### Special Features:

- CMOS chip and LED light source at the distal end of the endoscope
- Handle is lighter compared to FLEX-X<sup>C</sup>
- Visualization modes and/or S-Technologies
- Documentation via IMAGE1 S™
- Product is sterile on delivery and ready for immediate use

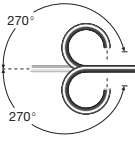
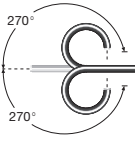


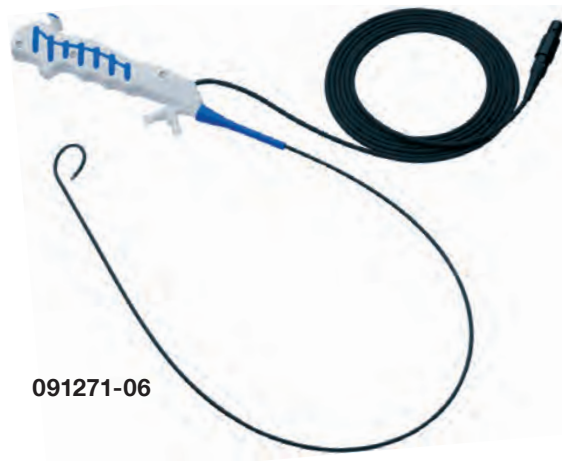
# Video Uretero-Renoscopes FLEX-X<sup>C1</sup>, flexible

for single use

9 Fr.



| Order no. | Video Uretero-Renoscopes            | Deflection of distal tip  | Direction of view | Angle of view | Working length | Working channel inner diameter | Sheath size |
|-----------|-------------------------------------|---|-------------------|---------------|----------------|--------------------------------|-------------|
| 091271-06 | positive deflection mechanism       |  | 0°                | 105°          | 70 cm          | 3.5 Fr.                        | 9 Fr.       |
| 091279-06 | contrapositive deflection mechanism |  | 0°                | 105°          | 70 cm          | 3.5 Fr.                        | 9 Fr.       |



091271-06

091271-06

**Video Uretero-Renoscope FLEX-X<sup>C1</sup>**, with positive deflection mechanism, sterile, for single use, package of 6, for use with E-BOX TP012, E-BOX TC028, TELE PACK+ TP101 and TELECAM C3 TC100

091279-06

**Video Uretero-Renoscope FLEX-X<sup>C1</sup>**, with contrapositive deflection mechanism, sterile, for single use, package of 6, for use with E-BOX TP012, E-BOX TC028, TELE PACK+ TP101 and TELECAM C3 TC100

# Video Uretero-Renoscopes FLEX-X<sup>C1</sup>, flexible

## Optional Components

### Optional accessories:



100010-10

**Sealing Cap "Endoscopic Seal",**  
for working channels of 3 – 7 Fr. instruments,  
sterile, for single use, package of 10



27023LB

**Stone Basket,** nitinol, without tip, straight,  
1.9 Fr., length 120 cm, 4 wires, basket diameter  
12 mm, sterile, for single use



27025PN

**Guide Wire,** 3 Fr., sterile, package of 5



UL004S5

**CALCULASE® III Fiber,** 230 µm, sterile,  
for single use, length 300 cm, package of 6,  
for use with CALCULASE® I, II and III



UL007S5

**CALCULASE® III Fiber,** 230 µm, sterile,  
reusable, length 300 cm, package of 6,  
for use with CALCULASE® I, II and III



11014Y

**Fiber Fixation,** instrument port for the insertion  
and fixation of LASER fibers, stone baskets, wires  
etc. in flexible endoscopes

# Video Uretero-Renoscopes FLEX-X<sup>CI</sup>, flexible

Overview



Video Uretero-Renoscopes,  
positive/contrapositive

091271-06  
091279-06

E-BOX

TP012

E-BOX

TC028

C-MAC<sup>®</sup>

8403ZX

IMAGE1 S<sup>TM</sup>

TC200EN\*\*  
TC301

TELE PACK+

TP101\*\*\*

TELECAM C3

TC100EN\*\*\*\*

Monitor

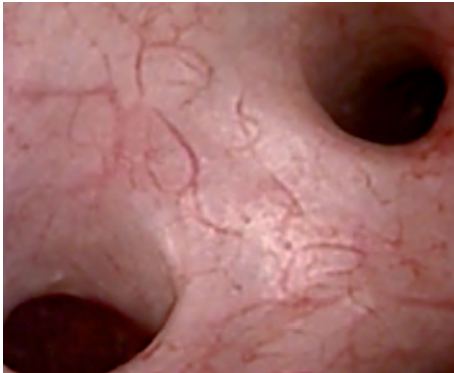
TM220

\*\* Available in the following languages: DE, ES, FR, IT, PT, RU

\*\*\* Compatible as of Software Version 2.1

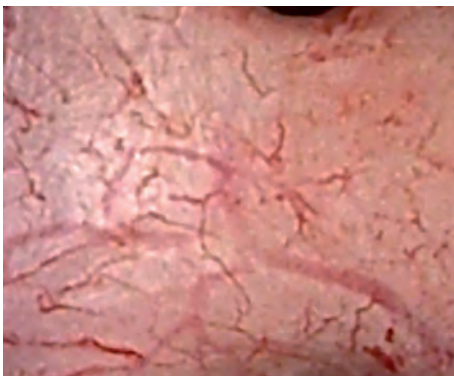
\*\*\*\* Compatible as of Software Version 1.1

### IMAGE1 S



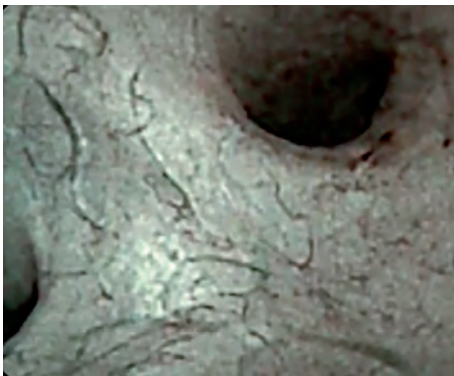
#### **CLARA:**

The CLARA mode uses a dynamic brightness adjustment of the endoscopic image. The further the brightness values of dark areas are from the average brightness level, the more they are brightened.



#### **CHROMA:**

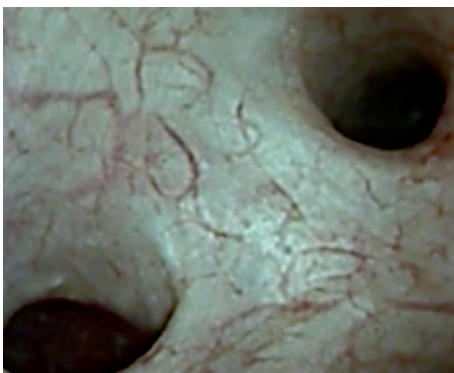
The CHROMA mode offers the possibility of local contrast enhancement in a specific area thanks to extensive analysis of individual image areas. The CHROMA mode, therefore, differs from conventional contrast enhancement modes in that the entire affected area is enhanced and not just the borders.



#### **SPECTRA:**

SPECTRA offers two different modes so that the user can select the display that suits best:

**SPECTRA A** filters out the deep red parts of the visible spectrum and expands the remaining color components.



**SPECTRA B** shifts the color channels in order to reduce diffuse and dominant red light.

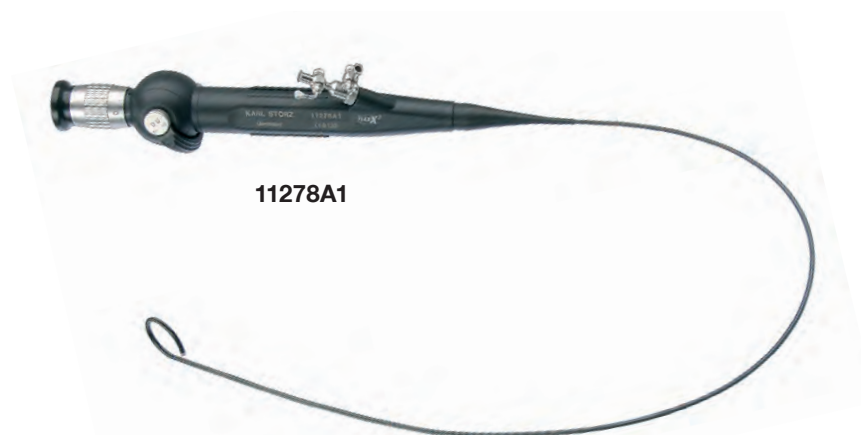
This offers the user an alternative display for endoscopic images, especially the red areas.

# Uretero-Reno-Fiberscopes FLEX-X<sup>2S</sup>, flexible

7.5 Fr.



| Order no. | Uretero-Reno-Fiberscopes FLEX-X <sup>2S</sup> | Deflection of distal tip | Direction of view | Angle of view | Working length | Working channel inner diameter | Sheath size |
|-----------|---|--------------------------|-------------------|---------------|----------------|--------------------------------|-------------|
| 11278AK1  | positive deflection mechanism                 |                          | 0°                | 88°           | 67 cm          | 3.6 Fr.                        | 7.5 Fr.     |
| 11278AUK1 | contrapositive deflection mechanism           |                          | 0°                | 88°           | 67 cm          | 3.6 Fr.                        | 7.5 Fr.     |



**11278AK1**      **Uretero-Reno-Fiberscope FLEX-X<sup>2S</sup>, Set**, steerable, with positive deflection mechanism, deflection of distal tip 270°/270°, direction of view 0°, angle of view 88°, working channel inner diameter 3.6 Fr., sheath size 7.5 Fr., working length 67 cm

**11278AUK1**      **Uretero-Reno-Fiberscope FLEX-X<sup>2S</sup>, Set**, steerable, with contrapositive deflection mechanism, deflection of distal tip 270°/270°, direction of view 0°, angle of view 88°, working channel inner diameter 3.6 Fr., sheath size 7.5 Fr., working length 67 cm

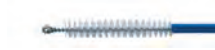


# Uretero-Reno-Fiberscopes FLEX-X<sup>2S</sup>, flexible

The following accessories are included in delivery:

27677X Case

13242XL Leakage Tester, with bulb and manometer



110931-50 Cleaning Brush, length 125 cm, brush diameter 1.7 mm, unsterile, for single use, package of 50

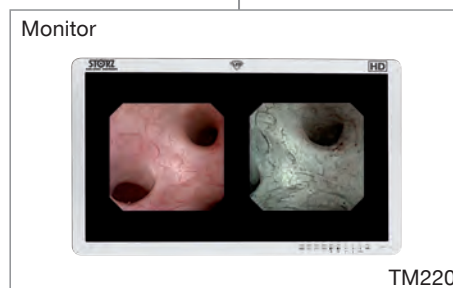


27014Y LUER-Adaptor, with seal

11025E Pressure Compensation Cap, for ventilation during gas and plasma sterilization

# Uretero-Reno-Fiberscopes FLEX-X<sup>2S</sup>, flexible

Overview









\*\* Available in the following languages: DE, ES, FR, IT, PT, RU

# Uretero-Reno-Fiberscopes FLEX-X<sup>2S</sup>, flexible

## Optional Components

For use with flexible Uretero-Reno-Fiberscopes 11278A1, 11278AU1  
and flexible Video Uretero-Renoscopes 11278VS, 11278VSU

|   |                |  |
|---|----------------|--|
|    | <b>11275FE</b> | <b>Grasping Forceps</b> , double action jaws, flexible, 3 Fr./1 mm, length 100 cm  |
|    | <b>11275ZE</b> | <b>Biopsy Forceps</b> , double action jaws, flexible, 3 Fr./1 mm, length 100 cm  |
|    | <b>27023LB</b> | <b>Stone Basket</b> , nitinol, without tip, straight, 1.9 Fr., length 120 cm, 4 wires, basket diameter 12 mm, sterile, for single use    |
|    | <b>11770T</b>  | <b>Coagulation Electrode</b> , unipolar, 3 Fr., length 110 cm  |
|    | <b>27025P</b>  | <b>Guide Wire</b> , 3 Fr., sterile, package of 5   |
|  | <b>11014Y</b>  | <b>Fiber Fixation</b> , instrument port for the insertion and fixation of LASER fibers, stone baskets, wires etc. in flexible endoscopes |
|  | <b>27550N</b>  | <b>Seal</b> , for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10  |
|  | <b>27001RA</b> | <b>Cleaning Adaptor</b>  |
|  | <b>27014Y</b>  | <b>LUER-Adaptor</b> , with seal  |

# Plastic Containers for the Sterilization and Storage of Flexible Uretero-Renoscopes

For use with flexible Video Uretero-Renoscopes 11278VS, 11278VSU



**39406AS**

**Plastic Container for Flexible Endoscopes**, suitable for gas and hydrogen peroxide (Sterrad®) sterilization and storage, for use with one flexible endoscope, external dimensions (w x d x h): 550 x 260 x 90 mm

For use with flexible Uretero-Reno-Fiberscopes 11278A1, 1278AU1, 11278AC1 and 11278AAUC1



**39402AS**

**Plastic Container for Sterilization**, specially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, perforated, with lid, for use with flexible endoscopes up to max. 95 cm working length, external dimensions (w x d x h): 550 x 260 x 92 mm

**Please note:** Fiberscopes can only be sterilized with gas and plasma in these containers. The instruments displayed are not included in the plastic containers.

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# 11

## Laparoscopy in Urology

|                           |         |
|---------------------------|---------|
| Basic Sets                | 200-202 |
| Telescopes                | 203-205 |
| IMAGE1 S™ Camera Platform | 206-207 |
| IMAGE1 S™ RUBINA®         | 208-213 |
| Standard Laparoscopy      | 215-216 |

# Units for Laparoscopy in Urology

Basic Set

**STORZ**  
KARL STORZ — ENDOSKOPE



\*\*Available in the following languages: DE, ES, FR, IT, PT, RU, SE

\*\*\*Available in the following languages: DE, ES, FR, IT, PT, RU

The displayed video towers can only be used with a telescope or a videoendoscope.

The user interface on the displayed units may vary depending on the country-specific approvals regarding software versions.

07-22

# Units for Laparoscopy in Urology

## Basic Set

### Monitor:

**TM350** 32" 4K/3D Monitor

#### optional:

**TM330** 32" 3D Monitor

### Camera system:

**TC201EN\*\*** IMAGE1 S CONNECT® II, basic module

**TC304** IMAGE1 S™ 4U-LINK, module for rigid endoscopy

**26606ACA** TIPCAM®1 RUBINA®, 4K/3D videoendoscope 0°

**26606BCA** TIPCAM®1 RUBINA®, 4K/3D videoendoscope 30°

**TH121** IMAGE1 S™ 4U RUBINA®, two-chip camera head

#### optional:

**TC302** IMAGE1 S D3-LINK®, module for VITOM® 3D endoscopy

### Light source:

**TL400** Cold Light Fountain POWER LED RUBINA®

**495NCSC** Fiber Optic Light Cable, diameter 4.8 mm, length 250 cm

**495TIP** Fiber Optic Light Cable, diameter 4.8 mm, length 300 cm

#### optional:

**UF101** One-Pedal Footswitch

### Pump system:

**UP210** ENDOMAT® SELECT, roller pump

**UP601** SURGERY Software, license

**031524-10** Tubing Set for Irrigation

#### optional:

**20014130** One-Pedal Footswitch

**UP610** ADVANCED Package, software, license

### Insufflation:

**UI500S1** ENDOFLATOR® 50 SCB

**031210-10** Insufflation Tubing Set

**UP501S1** S-PILOT®, smoke evacuation

**031447-10** Tubing Set

**031111-10** Smoke Evacuation Filter

### Documentation:

**WD350-EN\*\*\*** AIDA® with SMARTSCREEN®

**TC009** USB Adaptor, for ACC 1 and ACC 2

### HF Unit:

**UH400E** AUTOCON® III 400 High-End, with CE certification

**27805** Neutral Electrode

**27806UR** Neutral Electrode Connecting Cable

**UF902** Two-Pedal HF Footswitch

### Equipment Cart:

**UG220** Equipment Cart, wide

**UG500** Monitor Holder

**UG310** Isolation Transformer

**UG410** Earth Leakage Tester

#### optional:

**UG501** Monitor Holder Adaptor

**UG520** Monitor Holding Arm

**UG609** Bottle Holder, for CO<sub>2</sub> bottles

**UG902** Footswitch Holder, for two-pedal HF footswitch

|                    |   |
|--------------------|---|
| <b>26003BA</b>     | <b>HOPKINS® Forward-Oblique Telescope 30°</b> , enlarged view, diameter 10 mm, length 31 cm, <b>autoclavable</b> , fiber optic light transmission incorporated, color code: red<br><br><b>or</b><br><b>26046BA HOPKINS® Forward-Oblique Telescope 30°</b> , diameter 5 mm, length 29 cm, <b>autoclavable</b> , fiber optic light transmission incorporated, color code: red |
| <b>26007BA</b>     | <b>HOPKINS® Forward-Oblique Telescope 30°</b> , enlarged view, diameter 3.3 mm, length 25 cm, <b>autoclavable</b> , fiber optic light transmission incorporated, color code: red  |
| <b>495NCSC</b>     | <b>Fiber Optic Light Cable</b> , with straight connector, extremely heat-resistant, with safety lock, diameter 4.8 mm, length 250 cm  |
| <b>495NAC</b>      | <b>Fiber Optic Light Cable</b> , with straight connector, extremely heat-resistant, with safety lock, diameter 3.5 mm, length 230 cm  |
| <b>533TVA</b>      | <b>Adaptor, autoclavable</b> , permits telescope changing under sterile conditions  |
| <b>26120JL</b>     | <b>VERESS Pneumoperitoneum Needle</b> , with spring-loaded blunt inner cannula, LUER-Lock, <b>autoclavable</b> , diameter 2.1 mm, length 13 cm  |
| <b>30160GYG</b>    | <b>Trocar</b> , with conical tip, LUER-Lock connector and valve seal, size 6 mm, working length 10 cm, color code: black  |
| <b>30117GP</b>     | <b>Trocar</b> , with pyramidal tip, with silicone leaflet valve, size 3.9 mm, working length 10 cm, color code: red-green   |
| <b>3x 30114GYG</b> | <b>Trocar</b> , with conical tip, LUER-Lock connector and valve seal, size 3.5 mm, working length 10 cm, color code: green  |
| <b>31351ML</b>     | <b>CLICK'liné KELLY Dissecting and Grasping Forceps</b> , rotating, dismantling, with connector pin for unipolar coagulation, double action jaws, long, size 3.5 mm, length 36 cm   |
| <b>31366ONM</b>    | <b>CLICK'liné Grasping Forceps</b> , rotating, dismantling, without connector pin for unipolar coagulation, with LUER-Lock irrigation connector for cleaning, single action jaws, fenestrated, with especially fine atraumatic serration, size 3.5 mm, length 36 cm   |
| <b>31351MW</b>     | <b>CLICK'liné Scissors</b> , rotating, dismantling, with connector pin for unipolar coagulation, double action jaws, serrated, curved, conical, size 3.5 mm, length 36 cm   |
| <b>31351EH</b>     | <b>CLICK'liné Micro Hook Scissors</b> , rotating, with connector pin for unipolar coagulation, size 3.5 mm, length 36 cm  |
| <b>25775CNL</b>    | <b>CADIERE Coagulation and Dissection Electrode</b> , L-shaped, with cm-marking, distal tip tapered, with connector pin for unipolar coagulation, size 3.5 mm, length 36 cm   |
| <b>26005M</b>      | <b>Unipolar High Frequency Cord</b> , length 300 cm   |
| <b>38951MD</b>     | <b>ROBI® KELLY Grasping Forceps</b> , CLERMONT-FERRAND model, rotating, dismantling, with connector pin for bipolar coagulation, size 3.5 mm, length 36 cm  |
| <b>38951ON</b>     | <b>ROBI® Grasping Forceps</b> , CLERMONT-FERRAND model, rotating, dismantling, with connector pin for bipolar coagulation, with especially fine atraumatic serration, fenestrated, double action jaws, size 3.5 mm, length 36 cm  |
| <b>38951MW</b>     | <b>ROBI® Scissors</b> , CLERMONT-FERRAND model, rotating, dismantling, with connector pin for bipolar coagulation, curved scissor blades, size 3.5 mm, length 36 cm   |
| <b>26176LE</b>     | <b>Bipolar High Frequency Cord</b> , length 300 cm  |
| <b>26167ANL</b>    | <b>Suction and Irrigation Tube</b> , with lateral holes, size 3.5 mm, length 36 cm, for use with handles for irrigation and suction   |
| <b>30805</b>       | <b>Handle with Two-Way Stopcock</b> , for suction and irrigation, <b>autoclavable</b> , for use with suction and irrigation tubes sizes 3, 3.5 and 5 mm   |
| <b>26167LNL</b>    | <b>KOH Ultramicro Needle Holder</b> , jaws curved to left, with tungsten carbide insert, straight handle, with disengageable ratchet, size 3.5 mm, length 36 cm   |
| <b>26167RNL</b>    | <b>KOH Ultramicro Needle Holder</b> , jaws curved to right, with tungsten carbide insert, straight handle, with disengageable ratchet, size 3.5 mm, length 36 cm  |





### Telescope with variable direction of view

Until now, surgeons had to choose in advance which telescope or direction of view to use in a procedure. Moreover, surgeons were restricted to the selected direction of view throughout the surgery or had to make an intraoperative telescope change.

To prevent this predicament in the future, we developed the ENDOCAMELEON®: A telescope that allows you to adjust the desired direction of view – also during surgery – between 0° and 90°.

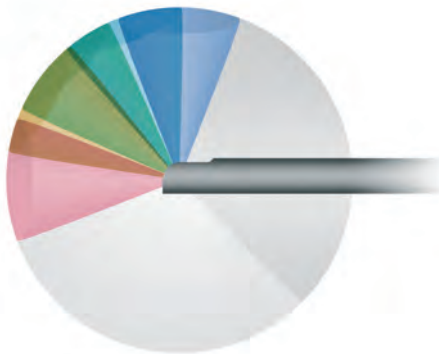
The ENDOCAMELEON® technology does not take up extra intracorporeal space thanks to the external moving parts.

Image alignment is the same as rigid telescopes: The direction of view is selected by simply turning the adjustment knob.

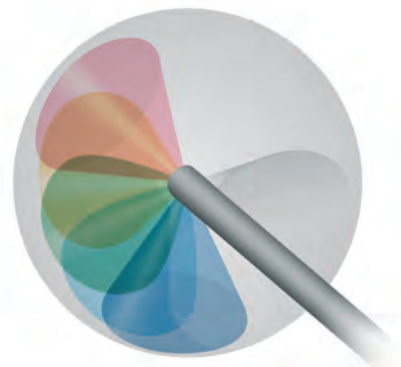
As the ENDOCAMELEON® is equipped with a standard eyepiece, the variable direction of view benefits all standard camera systems. Thanks to the HOPKINS® rod lens system, the ENDOCAMELEON® also offers image quality that enables a useful application of three-chip cameras or HD camera systems.

With the ENDOCAMELEON®, visual inspection of the entire surgical field is possible.

This only requires a simple turn of the adjustment knob.



ENDOCAMELEON® with variable direction of view, lateral view



ENDOCAMELEON® with variable direction of view, isometric view

**Diameter 10 mm, length 31 cm**

**Trocar size 11 mm**

**Recommended in combination with IMAGE1 S™**  
(CLARA and CHROMA modes)



**Special Features:**

- Variable direction of view 0° – 90°
- HOPKINS® telescope with rod lens system
- Adjustment knob for selecting the direction of view
- Rigid sheath with a diameter of 10 mm



**26003EC**

**ENDOCAMELEON® HOPKINS® Telescope,**  
diameter 10 mm, length 31 cm, **autoclavable,**  
variable direction of view from 0°- 90°, adjustment knob  
with fin for selecting the direction of view, fiber optic light  
transmission incorporated,  
color code: gold

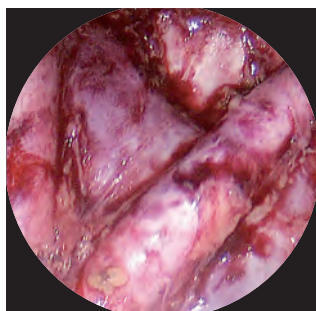


Fig. 1: Lymphadenectomy

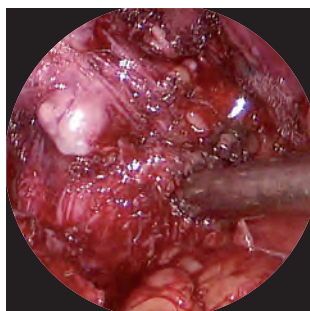


Fig. 2: Cystectomy

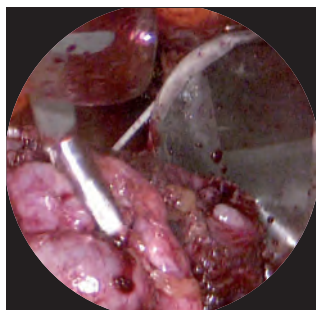


Fig. 3: Radical prostatectomy

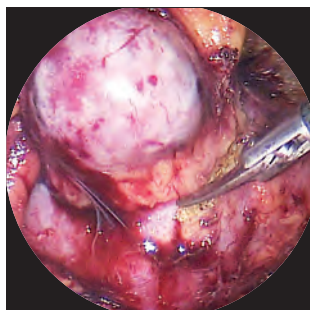
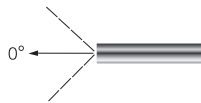


Fig. 4: Partial nephrectomy

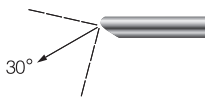
Images courtesy of Prof. med. G. JANETSCHEK, Universitätsklinik für Urologie,  
Paracelsus Medizinische Universität Salzburg, Austria

Diameter 5 mm, length 29 cm



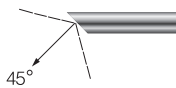
**26046AA**

**HOPKINS® Straight Forward Telescope 0°**, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



**26046BA**

**HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red



**26046FA**

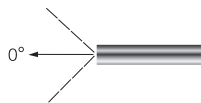
**HOPKINS® Telescope 45°**, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black



**533TVA**

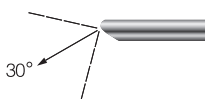
**Adaptor, autoclavable**, permits telescope changing under sterile conditions

Diameter 10 mm, length 31 cm



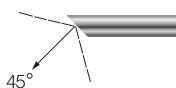
**26003AA**

**HOPKINS® Straight Forward Telescope 0°**, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, fiber optic light transmission incorporated, color code: green



**26003BA**

**HOPKINS® Forward-Oblique Telescope 30°**, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, fiber optic light transmission incorporated, color code: red

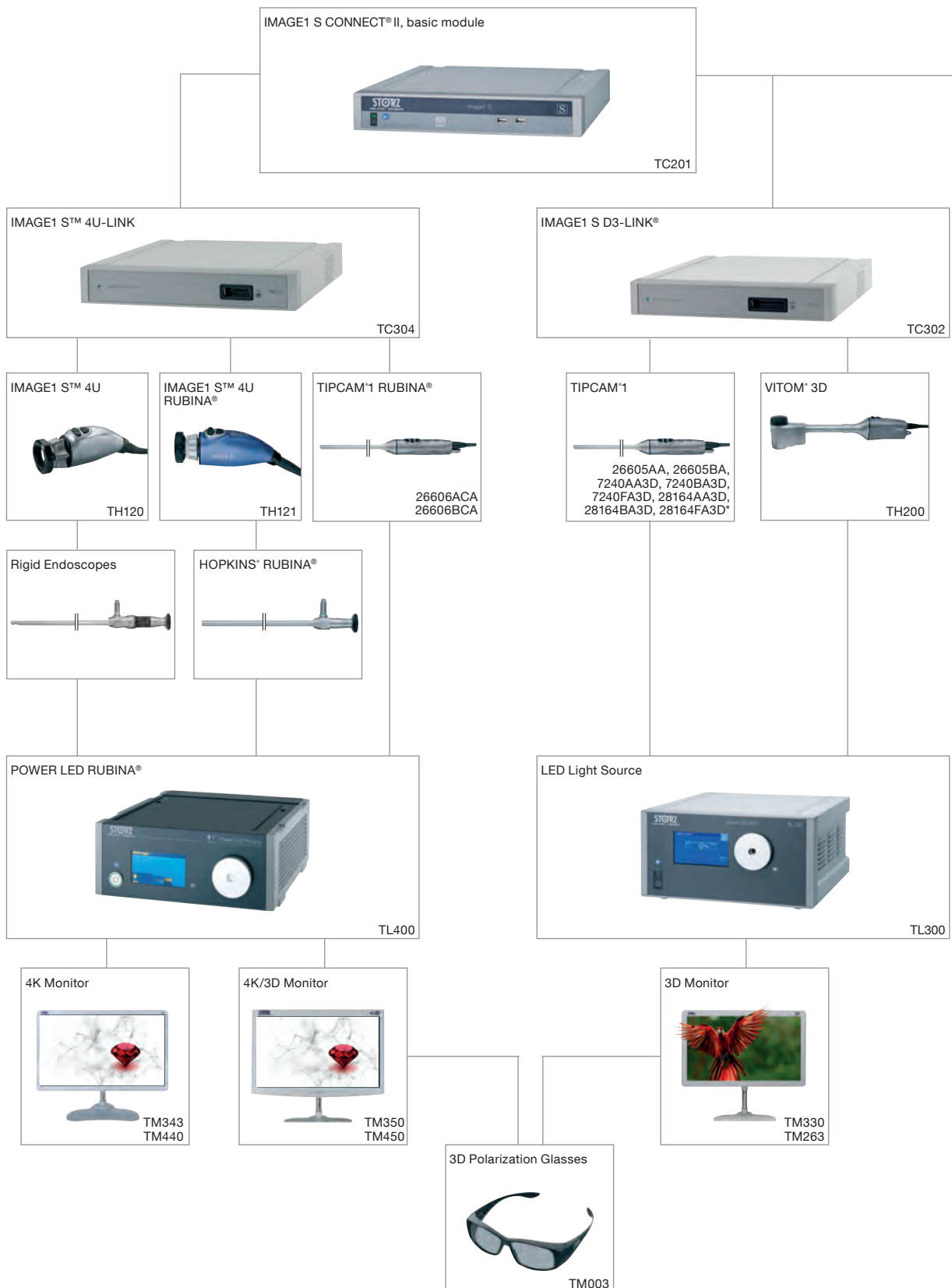


**26003FA**

**HOPKINS® Telescope 45°**, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, fiber optic light transmission incorporated, color code: black

# IMAGE1 S™ Camera Platform

## Overview



\* Currently not available in CE markets

# IMAGE1 S™ Camera Platform

## Overview

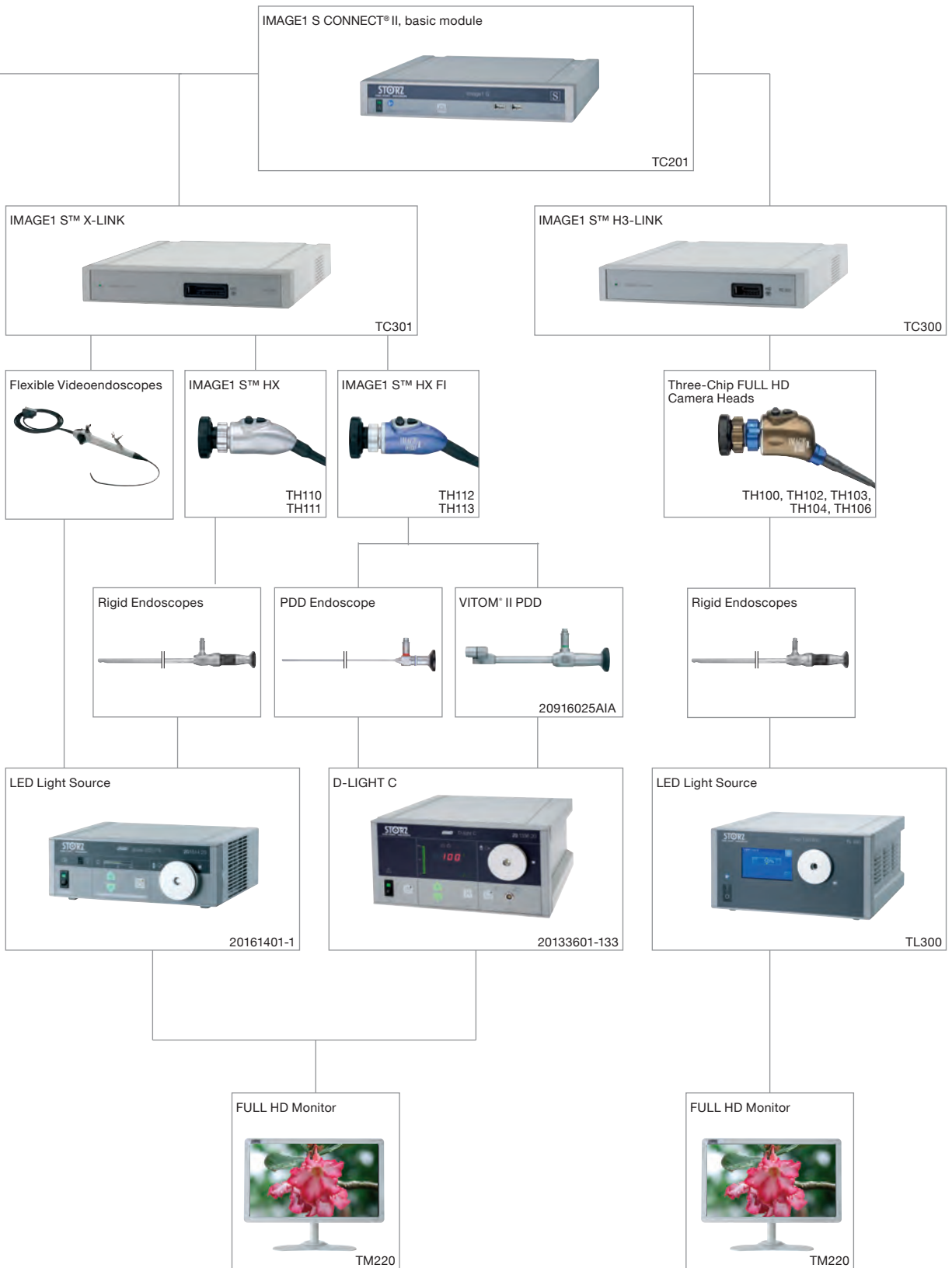


IMAGE1 S™ RUBINA® combines the latest imaging technologies 4K, 3D and fluorescence imaging (NIR/ICG) in one product family. The products impress with 4K image quality in 2D and 3D as well as new NIR/ICG fluorescence modes. The new POWER LED RUBINA® makes this possible. The new modes, e.g., the superimposed

NIR/ICG signal in the white light image, provide the user with valuable information. In addition, IMAGE1 S™ RUBINA® offers the display intensity of a NIR/ICG signal and a pure near infrared mode in monochromatic color display for the clear delineation of structures.

**The following components are included in the IMAGE1 S™ RUBINA® product family:**

- IMAGE1 S™ 4U RUBINA® – 4K camera head with new NIR/ICG functionalities
- TIPCAM®1 RUBINA® – 4K/3D NIR/ICG videoendoscope with automatic horizon control
- POWER LED RUBINA® – Laser-free LED light source for white light and excitation of NIR/ICG
- HOPKINS® RUBINA® – Enhanced\* NIR/ICG telescopes and new models

The IMAGE1 S™ RUBINA® technology thus provides new functionalities for KARL STORZ fluorescence imaging system OPAL1® as well as very good image brightness and richness of color.



\* In comparison to previous models



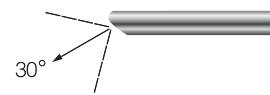
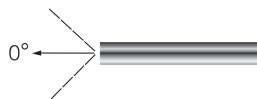
**TIPCAM®1 RUBINA® –  
The new 4K/3D NIR/ICG videoendoscope**

TIPCAM®1 RUBINA® provides surgeons with excellent depth perception. This stereoscopic system offering 3D in 4K quality is particularly helpful when performing activities that require spatial vision. Thanks to the modular system design, existing IMAGE1 S™ 2D systems can be upgraded to 3D. Whether for laparoscopy, gynecology, urology or cardiothoracic surgery – the new TIPCAM®1 RUBINA® features a wide range of applications.

- 4K image chain
- Automatic horizon control for better orientation and handling
- 4K/3D NIR/ICG videoendoscopes with 10 mm diameter as well as 0° and 30° directions of view
- Easy toggle from 3D to 2D
- OPAL1® NIR/ICG visualization modes: Overlay, Monochromatic and Intensity Map
- Easy integration into the IMAGE1 S™ platform



**10 mm videoendoscope**



**26606ACA**

**TIPCAM®1 RUBINA®, OPAL1® NIR/ICG, 4K/3D, high-resolution videoendoscope with two distally integrated video chips, for NIR/ICG fluorescence imaging in combination with POWER LED RUBINA®, for use with IMAGE1 S CONNECT® II and IMAGE1 S™ 4U-LINK**

**26606BCA**

**Same, direction of view 30°**

**Specifications**

|                   |                               |                     |   |
|-------------------|-------------------------------|---------------------|---|
| Frame rate        | 50/60 Hz                      | Cable length        | 300 cm  |
| Image sensor      | 2-chip                        | Cable routing       | straight  |
| Resolution        | 3840 × 2160 pixels            | Camera head buttons | freely programmable   |
| Scanning method   | progressive scan              | Reprocessing        | <b>autoclavable</b> , hydrogen peroxide sterilization       |
| Direction of view | 26606ACA: 0°<br>26606BCA: 30° | S-Technologies      | CLARA, CHROMA, SPECTRA in 2D and 3D                         |
| Outer diameter    | 10 mm                         | Protection class    | in conjunction with Camera Control Unit IMAGE1 S™: CF-Defib |
| Working length    | 32 cm                         |                     |   |
| Weight            | 420 g                         |                     |   |

# POWER LED RUBINA®

The new LED light source for white light and NIR/ICG applications

Power, efficiency, durability and flexibility are the hallmarks of the POWER LED RUBINA® based purely on LED technology. The light source can be used for white light as well as fluorescence applications for displaying NIR/ICG or autofluorescence in the near infrared range. In conjunction with other RUBINA® components, it allows the use of various new modes for displaying the NIR/ICG signal: A superimposed NIR/ICG signal in the white light image, an intensity display of the NIR/ICG signal as well as a pure near infrared mode in monochromatic color display for clear delineation of structures. Only long-life LEDs are used so no laser protection measures are necessary.



- OPAL1® NIR/ICG technology with new functionalities
- Straightforward user interface thanks to intuitive touch screen
- Constant light intensity maintained throughout the entire service life
- Very low volume\*



**TL400**

**Cold Light Fountain POWER LED RUBINA®**, for NIR/ICG fluorescence imaging and for standard endoscopic diagnosis, power supply 100 – 125/220 – 240VAC, 50/60 Hz

**Included in delivery:**

- 400A**            **Mains Cord**
- WO10275**    **Patch Cable**
- TL006**        **Sync Connecting Cable**
- 96240726**    **OPAL1® NIR/ICG Demonstration Card**

**Specifications**

|                            |   |                      |  |
|----------------------------|---|----------------------|--|
| Illumination technology    | 2x LED  | Power supply         | 100 – 240 VAC                              |
| Color temperature          | approx. 5700 K  | Power frequency      | 50/ 60 Hz                                  |
| Average lamp lifespan      | min. 30,000 h   | Dimensions w x h x d | 305 x 120 x 370 mm                         |
| Light intensity adjustment | automatic via KS HIVE<br>manual via KS HIVE<br>manual via touch screen<br>(in white light mode) | Weight               | 7.4 kg                                     |
| Fluorescence imaging       | NIR/ICG   | Cleaning             | wipe disinfection                          |
| Unit communication         | KS HIVE   | Protection class     | 1  |
| Power consumption          | 220 VA  | Degree of safety     | CF (with KARL STORZ light cables CF Defib) |

\* In comparison to previous models



# IMAGE1 S™ 4U RUBINA®

The new 4K NIR/ICG camera head



IMAGE1 S™ 4U RUBINA® combines 4K imaging technology with fluorescence imaging for displaying NIR/ICG or autofluorescence in the near infrared range. The technology features very good image quality as well as new NIR/ICG fluorescence modes. The new modes, e.g., the superimposed NIR/ICG signal in the white light image, provide the user with valuable information. In addition, IMAGE1 S™ RUBINA® offers the display intensity of a NIR/ICG signal and a pure near infrared mode in monochromatic color display for the clear delineation of structures.

- Native 4K image resolution with very good image brightness and richness of color and detail
- OPAL1® NIR/ICG technology with new functionalities
- S-Technologies in white light and the overlay modes Overlay and Intensity Map
- Enhanced\* NIR/ICG telescopes and new models
- Laser-free LED light source for white light and excitation of NIR/ICG



**TH121**

**IMAGE1 S™ 4U RUBINA®**, OPAL1® NIR/ICG, two-chip 4K UHD camera head, for use with IMAGE1 S CONNECT® II and IMAGE1 S™ 4U-LINK

### Specifications

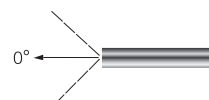
|                      |                    |                     |   |
|----------------------|--------------------|---------------------|---|
| Frame rate           | 50/60 Hz           | Cable length        | 300 cm  |
| Image sensor         | 2-chip             | Cable routing       | angled  |
| Resolution           | 3840 × 2160 pixels | Camera head buttons | freely programmable   |
| Scanning method      | progressive scan   | Grip mechanism      | standard eyepiece adaptor                                   |
| Lens                 | fixed focus        | Reprocessing        | soakable, EO sterilization, hydrogen peroxide sterilization |
| Focal length         | f = 19 mm          | S-Technologies      | CLARA, CHROMA, SPECTRA                                      |
| Dimensions w x h x d | 55 x 41 x 150 mm   | Degree of safety    | in conjunction with Camera Control Unit IMAGE1 S™: CF-Defib |
| Weight               | 260 g              |                     |   |

\* In comparison to previous models

# HOPKINS® RUBINA® Telescopes

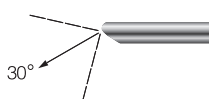
for fluorescence-assisted perfusion assessment with ICG

Diameter 10 mm, length 31 cm  
Trocar size 11 mm



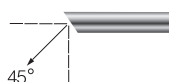
26003ARA

**HOPKINS® RUBINA® 0°**, NIR/ICG, straight forward telescope 0°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: green



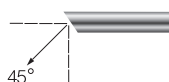
26003BRA

**HOPKINS® RUBINA® 30°**, NIR/ICG, forward-oblique telescope 30°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: red



26003FRA

**HOPKINS® RUBINA® 45°**, NIR/ICG, forward-oblique telescope 45°, enlarged view, diameter 10 mm, length 31 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: black



26003FREA

**HOPKINS® RUBINA® 45°**, NIR/ICG, forward-oblique telescope 45°, enlarged view, diameter 10 mm, length 42 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: black

## Recommended light cables for fluorescence-assisted perfusion assessment with ICG



495NCSC

**Fiber Optic Light Cable**, with straight connector, extremely heat-resistant, enhanced light transmission, with safety lock, diameter 4.8 mm, length 250 cm

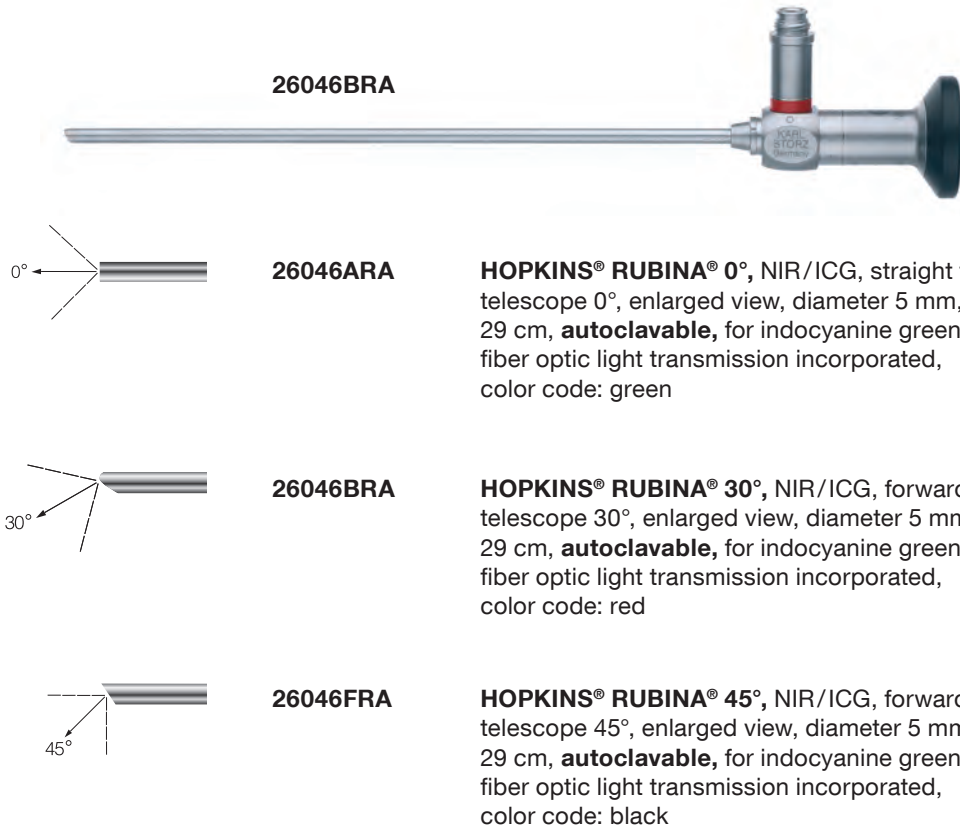
495NAC

**Fiber Optic Light Cable**, with straight connector, extremely heat-resistant, with safety lock, enhanced light transmission, can be used for ICG applications, diameter 3.5 mm, length 230 cm

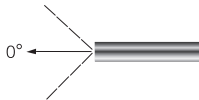
# HOPKINS® RUBINA® Telescopes

for fluorescence-assisted perfusion assessment with ICG

Diameter 5 mm, length 29 cm  
Trocar size 6 mm

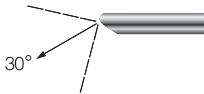


26046BRA



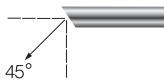
26046ARA

**HOPKINS® RUBINA® 0°**, NIR/ICG, straight forward telescope 0°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: green



26046BRA

**HOPKINS® RUBINA® 30°**, NIR/ICG, forward-oblique telescope 30°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: red



26046FRA

**HOPKINS® RUBINA® 45°**, NIR/ICG, forward-oblique telescope 45°, enlarged view, diameter 5 mm, length 29 cm, **autoclavable**, for indocyanine green (ICG), fiber optic light transmission incorporated, color code: black

## Recommended light cables for fluorescence-assisted perfusion assessment with ICG



495NCSC

**Fiber Optic Light Cable**, with straight connector, extremely heat-resistant, enhanced light transmission, with safety lock, diameter 4.8 mm, length 250 cm

495NAC

**Fiber Optic Light Cable**, with straight connector, extremely heat-resistant, with safety lock, enhanced light transmission, can be used for ICG applications, diameter 3.5 mm, length 230 cm

# RASSWEILER Needle Holders



**26173SKL**



**26173SKG**

RASSWEILER **Needle Holder**, straight jaws, axial ring handle with ratchet, size 5 mm, length 33 cm



**26173SKL**

RASSWEILER **Needle Holder**, convex/concave, slender jaws, curved to left, axial ring handle with ratchet, size 5 mm, length 33 cm

**Please note:**

Using the needle holders with a needle larger than recommended may lead to damage to the instrument.

# LASER Applicator for Laparoscopy

## Special Features:

- Integrated suction channel
- For LASER fibers with a diameter of 0.7 – 0.9 mm



**27710LL**

**LASER Applicator,**  
for manipulation of the LASER fiber

### Included in delivery:

**27710LH**    **Handle**

**27710LA**    **Outer Sheath**

**27710LI**    **Inner Sheath**, unsterile, for single use,  
package of 5

The cold light fibers are cut at 1 cm intervals to allow the light to exit there.

The illuminating ureter probe is connected to a cold light fountain and positioned with the aid of a cystoscope before or during an intervention.



**496U**

**Fiber Optic Ureter Probe, 7 Fr.**

## LED Battery Light Source – “Power of Light”

### Special Features:

- 50,000 lux LED light source
- No special batteries needed – can be purchased at any store
- LED service life of more than 50,000 hours



**11301D3**

**Battery Light Source LED for Endoscopes,** with coarse thread, boost mode for temporary increase in brightness, burning time > 120 min, weight approx. 78 g, for use with KARL STORZ endoscopes

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# 12 Trainers

|                              |         |
|------------------------------|---------|
| High-End Platform UroTrainer | 218     |
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# UroTrainer

The virtual high-end platform for the safe training of transurethral surgical procedures

The KARL STORZ UROTRAINER for urology offers both novice and experienced surgeons a modern and comprehensive training system for minimally invasive surgery. It provides training in basic skills such as hand-eye coordination and diagnostics as well as entire procedures such as, for example, the transurethral resection of bladder tumors (TURB) or prostate (TURP).

For TURB procedures, it also offers the possibility to train the detection and resection of carcinoma in situ (CIS) with the help of Photodynamic Diagnosis (PDD).

Original working elements and other operating instruments provide a highly realistic simulation experience and facilitate familiarization with surgical instruments.

## Special Features:

- Constantly available training solutions in a completely risk-free environment
- A high degree of realism thanks to original instruments and realistic patient cases
- The digital mentor allows independent yet guided training
- Reproducible and comparable tasks, including complication management
- Feedback report for the individual recording of performance parameters
- No consumables; no reprocessing of instruments





# UroTrainer

The virtual high-end platform for the safe training of transurethral surgical procedures

## Special Features:

- Simbox, for tactile force feedback
- In- and outlet valves on the instrument for fluid regulation
- Working element for HF surgery
- 3 virtual telescopes: 0°, 12° and 30°
- High-end PC and 23" monitor with multi touch screen, mouse, keyboard
- Mobile cart with height-adjustable monitor



**573630**

**Stationary UROTRAINER**, with passive and active working element, instruments and software module, in a reusable transport box, ideal for use at conferences, workshops and in training centers

### Included in delivery:

**Integrated Learning Management System**

**High-End PC and 23" Multi Touch Screen**

**Mobile Cart**, with height-adjustable monitor

**Cleaning Box**

**Software**

**Wireless Keyboard**

**Mains Cord**

**USB Cable**

**Simbox for UROTRAINER**

**Passive Resectoscope for UROTRAINER**

**Active Resectoscope for UROTRAINER**

**Advanced TURB Module UROTRAINER**

**Advanced TURP Module UROTRAINER**

**Transport Case**

**573631**

**Same**, in single-use packaging

Additional software packages and further accessories see page 224-226

## TURP Basic Module

8\* virtual patients provide basic skills training in preparation for complete TURP procedures. Trainees learn how to visualize important land-

marks, to control bleeding, and take their first steps in prostatic tissue resection.

### Learning objectives:

- To understand the anatomy and pathology of a prostate
- To gain experience in identifying anatomical landmarks
- To acquire depth perception and hand-eye coordination
- To control bleeding and irrigation/flow during the procedure
- To learn to handle the resectoscope and the loop electrode correctly
- To safely perform a partial TURP procedure while mastering the instruments

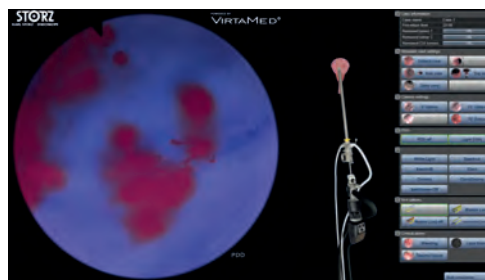
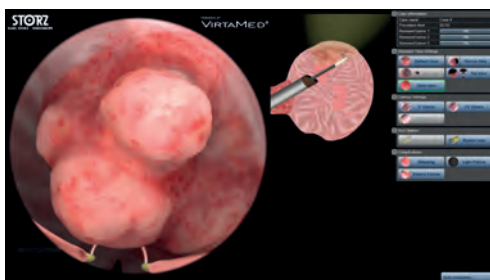
## TURP Advanced Module

8\* virtual patients for practicing full transurethral prostate resections with increasing difficulty.

Prostate sizes range from 55 grams to 90 grams.

### Learning objectives:

- To establish a mental picture of the anatomy and pathology of a prostate
- To gain experience in identifying anatomical landmarks
- To control bleeding and irrigation/flow during the procedure
- To perform effective TURP procedures
- To master instruments in a safe manner
- To understand the difference between prostatic tissue and healthy capsule
- To manage complications during a BPH procedure



\* The number of patient cases may change due to further development of the product.

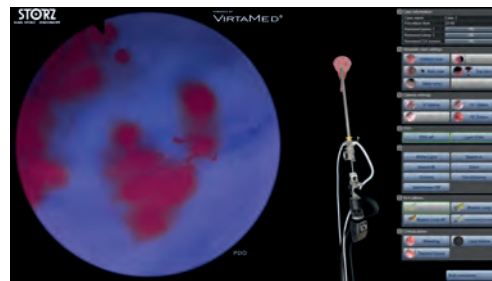
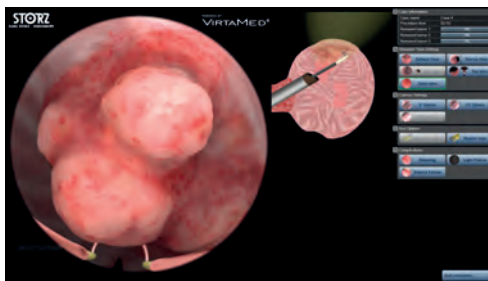
## TURB Basic Module

4\* virtual patients with multiple papillary and solid tumors offer the trainee the opportunity to

perform a full transurethral resection of bladder tumors (TURB).

### Learning objectives:

- To gain experience in identifying anatomical landmarks
- To acquire depth perception and hand-eye coordination
- To remove bladder tumors in various locations, ranging from easily accessible to difficult-to-reach locations
- To control bleeding and irrigation/flow during the procedure
- To avoid perforating the thin bladder wall
- To manage complications
- To detect and resect carcinoma in situ (CIS) with the help of Photodynamic Diagnosis (PDD)



\* The number of patient cases may change due to further development of the product.

# Portable UroTrainer

The mobile high-end solution for safe training in urology

The portable UROTRAINER from KARL STORZ offers both novice and experienced surgeons a modern and comprehensive training system for minimally invasive surgery. It provides training in basic skills such as hand-eye coordination and diagnostics as well as entire procedures such

as, for example, the transurethral resection of bladder tumors (TURB) or prostate (TUR).

For TURB procedures, it also offers the possibility to train the detection of carcinoma in situ (CIS) with the help of Photodynamic Diagnosis (PDD).

## Special Features:

- Constantly available training solutions in a completely risk-free environment
- A high degree of realism thanks to original instruments and realistic patient cases
- Reproducible and comparable tasks, including complication management
- Feedback report for the individual recording of performance parameters
- No consumables; no reprocessing of instruments
- In a practical trolley, can be checked in as flight luggage



# Portable UroTrainer

The mobile high-end solution for safe training in urology



**573636**

**Portable UROTRAINER**, with Simbox for tactile force feedback, active and passive working element and software module, in a practical trolley, can be checked in as flight luggage

**Included in delivery:**

**Integrated Learning Management System**

**High-End Laptop with 17" Multi Touch Screen**

**Software**

**Mouse**

**Laptop Power Supply**

**USB Cable**

**Simbox for UROTRAINER**

**Mains Cord for Simbox**

**Passive Resectoscope for UROTRAINER**

**Active Resectoscope for UROTRAINER**

**Advanced TURB Module UROTRAINER**

**Advanced TURP Module UROTRAINER**

**Transport Case**

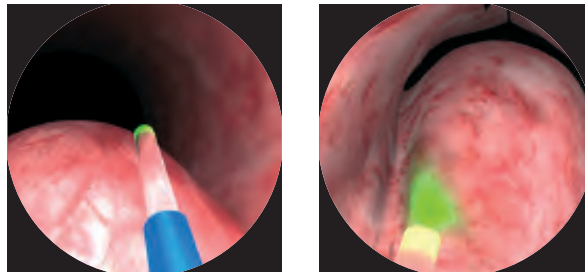
## LASER BPH Advanced Module

8\* virtual patient cases for practicing the removal of prostate tissue with ThuLEP and HoLEP. The prostate sizes range from 55 grams to 90 grams.

The trainees become familiar with various performance parameters and LASER techniques such as vaporization, enucleation or vaporesection.

### Learning objectives:

- To handle LASER fibers in a safe manner
- To identify anatomical landmarks
- To acquire depth perception and hand-eye coordination
- To perform vaporization, resection and/or enucleation of various lobes
- To control bleeding during the procedure
- To manage complications in a safe manner



573234

**LASER BPH Advanced Module,**  
for stationary and portable UROTRAINERS

## New Training Platform for TUR

KARL STORZ is now extending its offer of training possibilities with a training platform for TUR. The basic model features a new design that allows work similar to reality. Factors that were taken into consideration were the training of the basic resection movements as well as external influences such as the introduction and external

support and/or fixation of the instruments under real-life circumstances.

The resection of, for example, potatoes or apples represents a cost-effective solution and enables authentic resection with good resection properties.

## The TUR trainer platform “ADAM” offers the following training possibilities:

- Training for rigid and flexible treatment of the entire urinary tract via:
  - Rigid cystoscopy
  - Flexible cystoscopy
- Simulates a wide range of indications and treatment options:
  - TURP
  - TURB
  - Treatment of tumors



**27345TUR**

LYRA Endourological TUR Trainer “ADAM”, complete

**Included in delivery:**

**Organ Platform**

**Organ Insert Penis**

**Organ Insert Bladder**

LYRA Body Endourological Trainer “ADAM”

## New Training Platform for URS

The proven LYRA URS Trainer offers the following training possibilities:

- Training for rigid and flexible treatment of the entire urinary tract via:
  - Rigid URS
  - Flexible URS
- Simulates a wide range of indications and treatment options:
  - Kidney stones
  - Stone extraction
  - LASER stone treatment
  - Pneumatic lithotripsy



**27345URS**

LYRA Endourological URS Trainer “ADAM”, complete

**Included in delivery:**

**Organ Platform**

**Organ Insert**

LYRA Body Endourological Trainer “ADAM”



## Spare Parts for LYRA TUR Trainer “ADAM” 27345TUR

|               |  |
|---------------|--|
| <b>27345C</b> | <b>Organ Platform</b> , for TUR and the use of biological specimens                |
| <b>27345D</b> | <b>Organ Insert Penis</b> , for TUR  |
| <b>27345E</b> | <b>Organ Insert Bladder</b> , for TUR  |
| <b>27345X</b> | LYRA <b>Body Endourological Trainer “ADAM”</b> , consisting of base and upper part |

## Spare Parts for LYRA URS Trainer “ADAM” 27345URS

|               |  |
|---------------|--|
| <b>27345A</b> | <b>Organ Platform</b>  |
| <b>27345B</b> | <b>Organ Insert</b>  |
| <b>27345X</b> | LYRA <b>Body Endourological Trainer “ADAM”</b> , consisting of base and upper part |



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# VITOM® 2D

2D visualization for open surgery with minimal access

## Visualization

The IMAGE1 S™ camera system provides support for all interventions in minimally invasive and open surgery.

Due to its high depth of field, optimal magnification, good contrast and color reproduction, VITOM® offers the ideal prerequisites for very good visualization of interventions in open surgery.

## Documentation

The VITOM® system is highly suitable for the documentation of interventions in open surgery with minimal access.

## Ergonomic Work

The surgeon, the assistant and the entire surgical team can view a magnified image of the open procedure on a monitor from a convenient distance. This provides everyone in the OR with a view of the surgical site.

## Teaching and Training

The VITOM® system is also suitable for teaching and training purposes as the system offers an unrestricted and magnified view of the surgical site both inside and outside the OR.

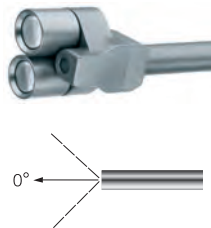
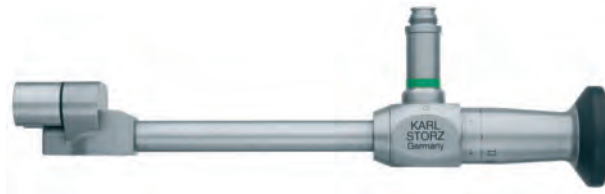


# VITOM® 2D

2D visualization for open surgery with minimal access

## VITOM® Telescope 0°

The VITOM® telescope 0° is particularly suitable for the documentation of open surgeries. Thanks to its design and 0° direction of view, the telescope can be easily positioned by an assistant.

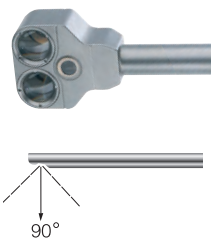


20916025AA

**VITOM® Telescope 0° with Integrated Illuminator, VITOM® HOPKINS® straight forward telescope 0°, working distance 25 – 75 cm, length 11 cm, **autoclavable**, with fiber optic light transmission and condenser lenses, color code: green**

## VITOM® Telescope 90°



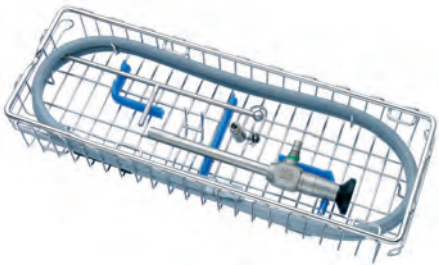
The VITOM® telescope with a 90° direction of view is recommended for the visualization of an intervention as it allows flexible and ergonomic positioning above the surgical site. This is a particular advantage for operating surgeons who wish to benefit from a clear and enlarged view on the monitor during a procedure.



20916025DA

**VITOM® Telescope 90° with Integrated Illuminator, VITOM® HOPKINS® telescope 90°, working distance 25 – 75 cm, length 11 cm, **autoclavable**, with fiber optic light transmission and condenser lenses, color code: blue**

**Note:** VITOM® is always used with a holding system.

|                       |  | VITOM®<br>Telescope 0°      | VITOM®<br>Telescope 90° |
|-----------------------|--|-----------------------------|-------------------------|
|                       |  | with integrated illuminator |                         |
|                       |  | 20916025AA                  | 20916025DA              |
| <p><b>495TIP</b></p>  |  <p><b>Fiber Optic Light Cable</b>, with straight connector, extremely heat-resistant, enhanced light transmission, diameter 4.8 mm, length 300 cm, for use with TIPCAM®</p>  | <p>•</p>                    | <p>•</p>                |
| <p><b>495NVC</b></p>  |  <p><b>Fiber Optic Light Cable</b>, with 90° deflection to the instrument, very narrow radius of curvature, diameter 4.8 mm, length 300 cm</p>   | <p>•</p>                    | <p>—</p>                |
| <p><b>39501A2</b></p> |  <p><b>Wire Tray for Cleaning, Sterilization and Storage</b> of two rigid endoscopes and one light cable, including holder for light post adaptor, silicone telescope holders and lid, external dimensions (w x d x h): 352 x 125 x 54 mm, for rigid endoscopes up to diameter 10 mm and working length 20 cm</p> | <p>•</p>                    | <p>•</p>                |

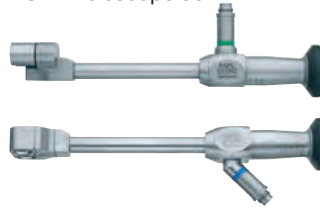
**Please note:** The instruments displayed are not included with the tray.

Clamping Cylinder



28272CN

VITOM® Telescope 0°  
VITOM® Telescope 90°



20916025AA, 20916025DA

Fiber Optic Light Cable



495TIP

Mechanical Holding Arm



28272UGK

28172HC

28172HR

IMAGE1 S™ 4U One-Chip 4K UHD



TH120

POWER LED 300 SCB



TL300

IMAGE1 S™



TC201EN\*  
TC304

Monitors



TM341  
TM342

\* Also available in the following languages: DE, ES, FR, IT, PT, RU

# VITOM® II NIR / ICG and PDD

Visualization system for fluorescence imaging in open surgery

## OPAL1® – Fluorescence imaging based on the IMAGE1 S™ camera platform

Thanks to the OPAL1® technologies based on the IMAGE1 S™ camera platform, KARL STORZ is able to offer better visualization of anatomical structures or malignancies that are hidden to the naked eye under white light in minimally invasive and open surgery.

Near-infrared (NIR/ICG) fluorescence imaging allows the assessment of organ and tissue perfusion, e.g., following anastomoses or bypasses. It also makes it possible to display the bile duct anatomy during cholecystectomies or in the case of suspected lymphatic leakage. Furthermore, this technology can be used to visualize the lymphatic system, e.g., for the purposes of

lymph node localization. The fluorescent dye indocyanine green (ICG) is used in this case.

Photodynamic diagnosis (PDD) is able to detect the high concentrations of fluorescent porphyrine products that indicate bladder tumors.

At the core of these fluorescence procedures is the IMAGE1 S™ camera platform which, in combination with various light sources and special telescopes, forms the basis for OPAL1® technologies for fluorescent imaging. This combination offers physicians additional visual support in FULL HD image quality that is able to aid decision-making processes on a regular basis.



### Fields of application for VITOM® II NIR / ICG:

- Perfusion assessment in open surgery
- Visualization of the lymphatic system\*
- Bile duct visualization



### Fields of application for VITOM® II PDD:

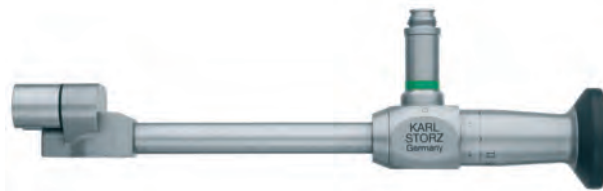
- Fluorescence-guided resection of high-grade gliomas

\*Please verify that the fluorescent dye indocyanine green is approved for the respective indication in your country.



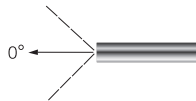
# VITOM® II NIR / ICG

Visualization system for near infrared (NIR/ICG)  
fluorescence imaging in open surgery



**20916025AGA**

**VITOM® II NIR / ICG Telescope 0°**,  
with integrated illuminator and observation filter  
for fluorescence diagnostics with ICG, HOPKINS®,  
working distance 25 – 75 cm for white light,  
20 – 30 cm for fluorescence applications,  
length 11 cm, **autoclavable**, with fiber optic light  
transmission and condenser lenses,  
color code: green

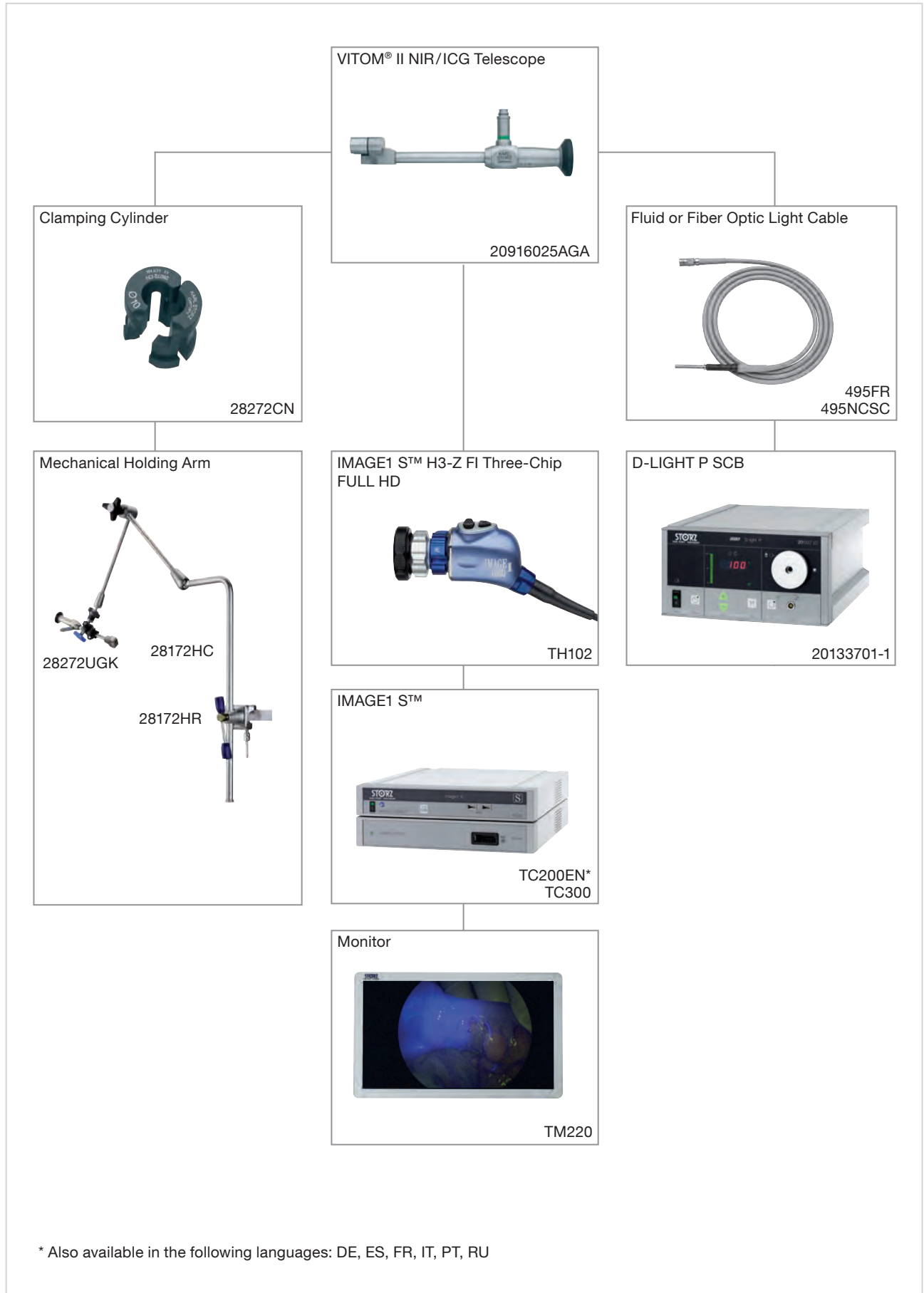


**495NCSC**

**Fiber Optic Light Cable**, with straight connector,  
extremely heat-resistant, enhanced light  
transmission, with safety lock, diameter 4.8 mm,  
length 250 cm

# VITOM® II NIR/ICG

Overview



\* Also available in the following languages: DE, ES, FR, IT, PT, RU

|   |                |              |               |
|---|----------------|--------------|---------------|
| <b>Working distance:</b>                          | 25 - 75 cm     |              |               |
| <b>Depth of view at working distance of:</b>      | <b>25 cm</b>   | <b>50 cm</b> | <b>75 cm</b>  |
| <b>Depth of view:</b>                             | approx. 3.5 cm | approx. 7 cm | approx. 10 cm |
| <b>Field of view at working distance of:</b>      | <b>25 cm</b>   | <b>50 cm</b> | <b>75 cm</b>  |
| IMAGE1 S™ H3-Z camera zoom 1x                     | 5 cm           | 10 cm        | 15 cm         |
| IMAGE1 S™ H3-Z camera zoom 2x                     | 3.5 cm         | 7 cm         | 10.5 cm       |
| <b>Reproduction scale at working distance of:</b> | <b>25 cm</b>   | <b>50 cm</b> | <b>75 cm</b>  |
| <b>26" Monitor:</b>                               |                |              |               |
| H3-Z camera zoom 1x                               | approx. 8x     | approx. 4x   | approx. 3x    |
| H3-Z camera zoom 2x                               | approx. 16x    | approx. 8x   | approx. 6x    |
| <b>42" Monitor:</b>                               |                |              |               |
| H3-Z camera zoom 1x                               | approx. 14x    | approx. 7x   | approx. 5x    |
| H3-Z camera zoom 2x                               | approx. 28x    | approx. 14x  | approx. 10.5x |
| <b>52" Monitor:</b>                               |                |              |               |
| H3-Z camera zoom 1x                               | approx. 17x    | approx. 8x   | approx. 6x    |
| H3-Z camera zoom 2x                               | approx. 34x    | approx. 16x  | approx. 12x   |

**Note:**

A working distance of max. 30 cm is recommended in order to receive an optimal signal for fluorescence applications with VITOM® II NIR/ICG and VITOM® PDD.

Technical specifications are subject to change.

# VITOM® 3D

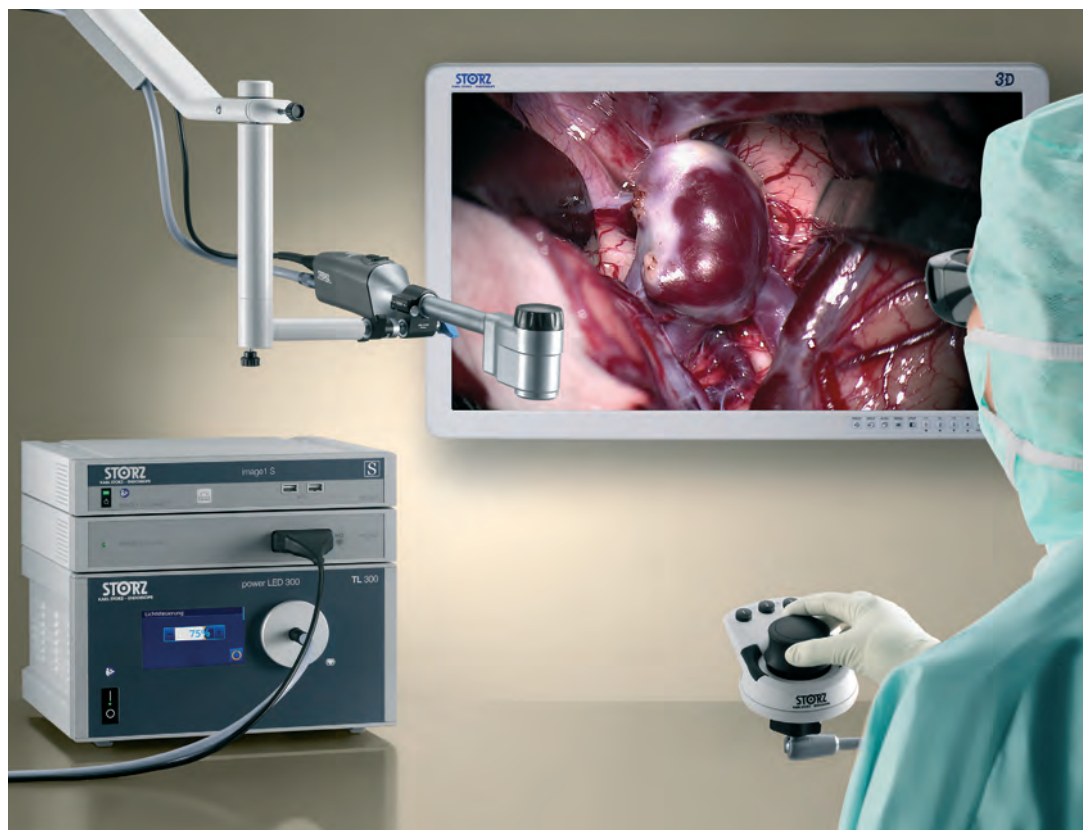
3D visualization for microsurgery and open surgery

The application possibilities of the VITOM® 3D are similar to that of the operating microscope. The surgeon can work comfortably with VITOM® 3D via a 3D monitor, which allows for a relatively free choice of working positions. The most important functions are controlled via the IMAGE1 PILOT, which is mounted on the OR table in the direct vicinity of the surgeon. The VITOM® 3D system provides many surgical disciplines with a new solution for the visualization of micro-surgical and open surgical interventions.

The VITOM® 3D fits seamlessly into the IMAGE1 S™ platform and can be used with this system. The visualization and documentation of surgeries can thus be carried out with an existing endoscopy tower. This ideally supports combined work with endoscopes as in, for example, endoscopically assisted microsurgery (EAM).

## Benefits at a glance:

- Ergonomic work – the user is not confined to the eyepiece
- Improved workflow – the entire OR team can view the procedure in the same image quality as the surgeon
- Flexible, diverse application possibilities – from visualization and documentation to education and training
- Beneficial for endoscopically assisted microsurgery as it is possible to combine VITOM® 3D with endoscopes
- Compact, lightweight and portable system
- Economic synergetic effects from 3D visualization for microsurgery and open surgery as well as endoscopy based on the IMAGE1 S™ platform



# VITOM® 3D

Overview

VERSACRANE™ LIGHT Holding Arm



UR300

VITOM® 3D



TH200  
TH001

Fiber Optic Light Cable



495TIP  
495VIT

MAGE1 PILOT  
IMAGE1 PILOT Sterile Cover



TC014  
041150-20

IMAGE1 S™



TC201EN\*\*  
TC304

POWER LED 300 SCB



TL300

Holding Arm for IMAGE1 PILOT



28272HB  
28172HR

3D Monitors



TM330, TM350,  
TM263

3D Polarization Glasses  
3D Clip-on Glasses

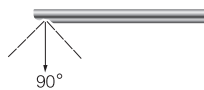


TM003  
9800C

\*\* Also available in the following languages: DE, ES, FR, IT, PT, RU

# VITOM® 3D

3D visualization for microsurgery and open surgery



**TH200**

**VITOM® 3D**, with zoom and focus function, integrated illumination and horizon alignment, working distance 20 – 50 cm, fiber optic light transmission incorporated, suitable for wipe disinfection, for use with IMAGE1 S D3-LINK® TC302 and IMAGE1 PILOT TC014

**TC014**

**IMAGE1 PILOT**, control unit with 3D wheel, 4 programmable function keys and USB port, for intuitive control of camera systems and connected units, for use with IMAGE1 S™ and VITOM® 3D TH200

### Specifications:

|  |  |
|--|--|
| Frame rate                                   | 50/60 Hz   |
| Image sensor                                 | 2-chip, 4K CMOS  |
| Image display                                | 3D, 2D   |
| Scanning method                              | progressive scan   |
| Zoom   | infinitely variable  |
| Working distance (WD)                        | 20 – 50 cm   |
| Magnification (WD 30 cm with 32" 3D monitor) | approx. 8 – 30 x   |
| Cable length                                 | 500 cm   |
| Cable routing                                | straight   |
| Cleaning                                     | wipe disinfection  |
| Sterilization concept                        | single-use covers  |
| Control concept                              | IMAGE1 PILOT for intuitive control of all relevant functions (zoom, focus, menu, navigation), 4 buttons for rapid access, 3D wheel |
| Camera head buttons                          | freely programmable  |
| S-Technologies                               | CLARA, CHROMA, SPECTRA   |
| Degree of protection                         | in conjunction with the IMAGE1 S™ camera control unit: CF-Defib  |

The use of IMAGE1 PILOT for VITOM® 3D is mandatory.

VITOM® 3D and IMAGE1 PILOT are always used with a holding system.

**Please note:** Special clamping jaws are available for mounting VITOM® 3D to the holding system.

**VERSACRANE™ Holding System for the convenient positioning of VITOM®**



**UR300**      **VERSACRANE™ LIGHT Holding Arm**, mechanical mobile holding arm, with quick release coupling KSLOCK, for short-term, non-invasive and flexible positioning of VITOM® scopes/exoscopes for open, microsurgical and minimally invasive surgery, for use with KARL STORZ clamping jaws and VITOM® scopes/exoscopes

**WARNING:**      **The VERSACRANE™ light holding arm should not be used with rigid endoscopes!**

**Clamping Jaws and Accessories for VITOM® 3D**

**28272VTK**      **VITOM® 3D Clamping Jaw**, with ball joint and quick release coupling KSLOCK (male), for use with VITOM® 3D and KARL STORZ holding systems with quick release coupling KSLOCK

**TH001**      **Cover**, for VITOM® 3D, sterile, for single use, package of 10





**Note:**  
The 550 cm long Light Cable 495VIT is necessary for the use of VERSACRANE™.

|  |   |   |
|--|---|---|
|  | <p><b>28272VTK</b></p>  | <p><b>VITOM® 3D Clamping Jaw</b>, with ball joint and quick release coupling KSLOCK (male) for use with VITOM® 3D and KARL STORZ holding systems with quick release coupling KSLOCK</p>                     |
|  | <p><b>28272VTP</b></p>  | <p><b>VITOM® 3D Clamping Jaw</b>, for POINT SETTER, with dovetail connector, for use with VITOM® 3D and POINT SETTER holding system</p>   |
|  | <p><b>495TIP</b></p>  | <p><b>Fiber Optic Light Cable</b>, with straight connector, extremely heat-resistant, enhanced light transmission, diameter 4.8 mm, length 300 cm, for use with TIPCAM®</p>                                 |
|  | <p><b>495VIT</b></p>  | <p><b>Fiber Optic Light Cable</b>, with straight connector, extremely heat-resistant, enhanced light transmission, diameter 4.8 mm, length 550 cm</p>   |
|  | <p><b>TH001</b></p>   | <p><b>Cover</b>, for VITOM® 3D, sterile, for single use, package of 10</p>  |
|  | <p><b>TH002</b></p>   | <p><b>VITOM® 3D Illuminator</b>, additional lighting for VITOM® 3D, with 1 adjustable lens, <b>autoclavable</b>, for use with VITOM® 3D and light cable</p>   |
|  | <p><b>TH003</b></p>   | <p><b>Protective Cover</b>, high-grade protective cover, padded imitation leather, for protecting the VITOM® 3D during storage and transport, for use with the VITOM® 3D and holding arm</p>                |
|  | <p><b>39502ZH</b><br/><b>39502LH</b><br/><b>39100SH</b><br/><b>39100PS</b><br/><b>39360AS</b></p> | <p><b>Wire Tray</b>, stackable, with hole plates<br/><b>Lid</b><br/><b>Silicone Grid Insert LARGE DIAMOND GRID</b><br/><b>Fixation Pins</b>, package of 12<br/><b>Silicone Tie-Downs</b>, package of 12</p> |






**Please note:** The instruments displayed are not included with the tray.



**IMAGE1 PILOT with holding system for fixation to the operating table**

|  |                         |  |
|--|-------------------------|--|
|   | <p><b>TC014</b></p>     | <p><b>IMAGE1 PILOT</b>, control unit with 3D wheel, 4 programmable function keys and USB port, for intuitive control of camera systems and connected units, for use with IMAGE1 S™ and VITOM® 3D TH200</p>               |
|   | <p><b>28172HR</b></p>   | <p><b>Rotation Socket</b>, to clamp to the operating table, with one mounted Butterfly Nut 28172HRS, for European and US standard rails, with lateral clamp for height and angle adjustment of the articulated stand</p> |
|   | <p><b>28272HB</b></p>   | <p><b>Articulated Stand</b>, reinforced version, L-shaped, with one mechanical central clamp for all five joint functions, height 48 cm, swivel range 52 cm, with quick release coupling KSLOCK (female)</p>             |
|  | <p><b>041150-20</b></p> | <p><b>Cover</b>, with elasticated tip, 42 x 177 cm, sterile, for single use, package of 20, for use with holding systems and IMAGE1 PILOT</p>  |

**Monitors**

|   |                       |   |
|---|-----------------------|---|
|  | <p><b>TM350</b></p>   | <p><b>32" 4K/3D Monitor</b>, screen resolution 3840 x 2160, image format 16:9</p>   |
|  | <p><b>TM330</b></p>   | <p><b>32" 3D Monitor</b>, screen resolution 1920 x 1080, image format 16:9</p>  |
|  | <p><b>9832SFH</b></p> | <p><b>Monitor Stand</b>, for professional use, height-adjustable, tiltable, rotation +/-30°, disinfectable, color white, with VESA 200 adaptor, for use with 32" monitors up to 15 kg</p> |
|  | <p><b>TM003</b></p>   | <p><b>3D Polarization Glasses</b>, fogless, passive, for use with 3D monitors</p>   |
|  | <p><b>9800C</b></p>   | <p><b>3D Clip-on Glasses</b>, circularly polarized, for use with 3D monitors</p>  |

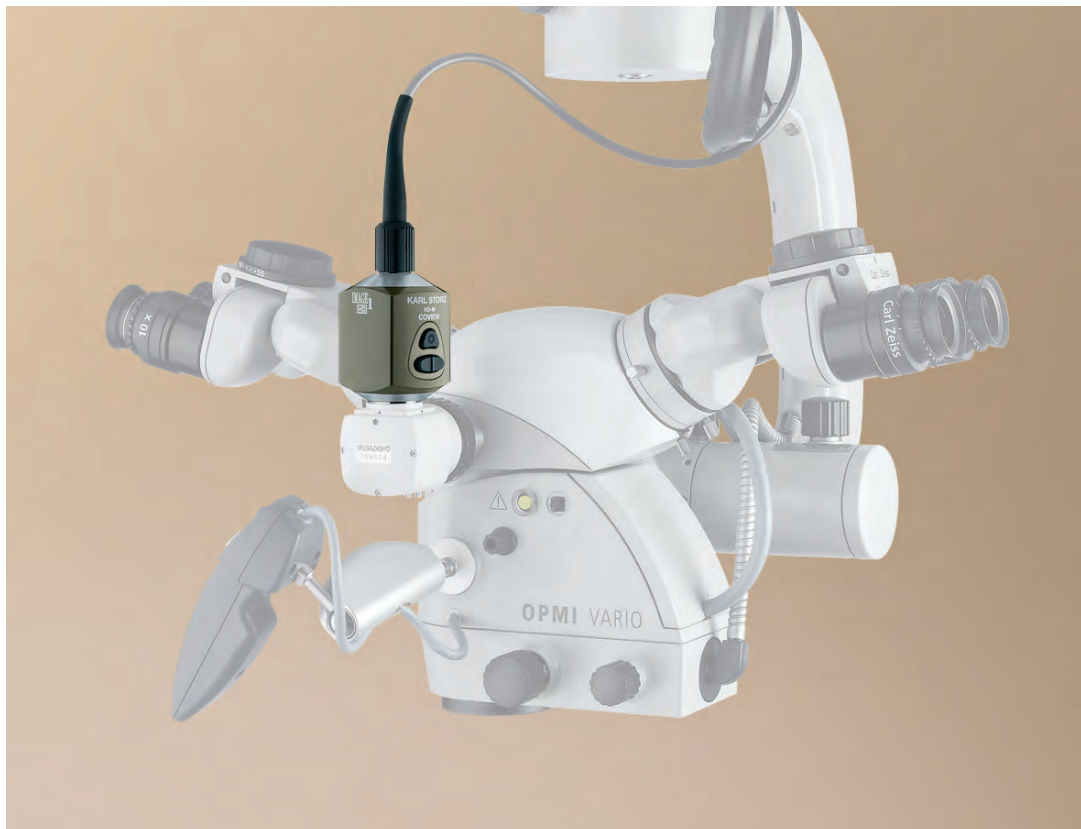
# Accessories for Operating Microscopes

IMAGE1 S™

With the operating microscope, the surgeon always has a perfect view of the operating field. Assistants, OR nurses and students, however, often experience poor visualization of the microscope image. This is especially true if brilliant visualization is not available. KARL STORZ offers solutions from one source that are specially designed to equip operating microscopes from leading manufacturers with state-of-the-art technology. To achieve optimal results, all components in the video chain – from the camera to the monitor – must be of the highest quality.

The most straightforward and professional connection between the camera and the microscope is the so-called direct adaption.

Here the IMAGE1 S™ H3-M COVIEW® microscope camera and the corresponding QUINTUS® TV adaptor are directly connected to the microscope via the C-MOUNT connector. The microscope camera head is part of the IMAGE1 S™ camera platform and is equipped with the S-Technologies CLARA, CHROMA and SPECTRA.



Operating microscopes from Carl Zeiss, LEICA Microsystems and Möller-Wedel are supported

# Accessories for Operating Microscopes

## Overview

27" FULL HD Monitor



TM220

ZeroWire G2 Transmission Set  
(optional)



TZ100

AIDA®



WD300  
WD350

IMAGE1 S™



TC200EN\*  
TC300

IMAGE1 S™ H3-M COVIEW®



TH106

TV Adaptor



Operating Microscope



\* Also available in the following languages: DE, ES, FR, IT, PT, RU

# IMAGE1 S™

Three-Chip FULL HD C-MOUNT Camera Head for Microscopy



With C-MOUNT thread for connection to microscopes

TH106

**IMAGE1 S™ H3-M COVIEW® Three-Chip FULL HD C-MOUNT Camera Head**, S-Technologies available, progressive scan, with C-MOUNT thread for coupling to microscopes, 2 freely programmable camera head buttons, with detachable camera head cable, length 900 cm, for use with IMAGE1 S™ and IMAGE 1 HUB™ HD/IMAGE1 HD, S-Technologies only available for IMAGE1 S™

### Specifications:

|                      |   |
|----------------------|---|
| Frame rate           | 50/60 Hz  |
| Image sensor         | 3-chip  |
| Resolution           | 1920 x 1080 pixels  |
| Scanning method      | progressive scan  |
| Dimensions w x h x l | 45 x 50 x 60 mm   |
| Weight               | 240 g   |
| Cable length         | 900 cm, detachable  |
| Cable routing        | straight  |
| Camera head buttons  | freely programmable   |
| Grip mechanism       | C-MOUNT connection  |
| Reprocessing         | wipe disinfection   |
| S-Technologies       | CLARA, CHROMA, SPECTRA  |
| Degree of protection | in conjunction with the IMAGE1 S™ camera control unit: CF-Defib |

## QUINTUS® – High-Performance TV Adaptor for Operating Microscopes

Unleash the full performance of your operating microscope with imaging solutions from KARL STORZ.

The new QUINTUS® TV adaptor is the perfect interface between the operating microscope and the IMAGE1 S™ H3-M COVIEW® microscope camera head from KARL STORZ.

The innovative features of QUINTUS® are easy to use, making it one of the most flexible TV adaptors on the market.

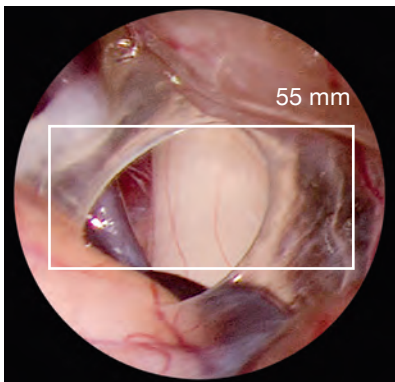


### Product Features:

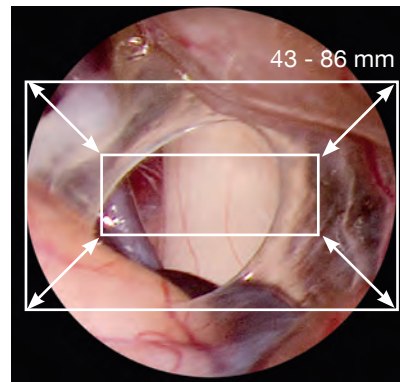
- A rotating C-MOUNT connection at the QUINTUS® TV adaptor allows immediate adaption of the camera orientation during mounting.
- The focus control makes it possible to easily achieve parfocality (perfectly sharp camera and microscope images).
- The iris control provides convenient and optimal adjustment of the depth of field.
- Pan (X) function enables adjustment of the horizontal position of the camera image.
- Tilt (Y) function enables adjustment of the vertical position of the camera image. The pan and tilt functions help the surgeon to adjust the position of the camera image according to individual needs.
- The QUINTUS® model also features a variable focal length  $f = 43 - 86$  mm. This allows the surgeon greater flexibility in choosing the exact zone required for documentation.

### Focal length of the QUINTUS® TV adaptor:

The QUINTUS® TV adaptor is available in the fixed focal length  $f = 55$  mm or as a zoom model with variable focal length  $43 - 86$  mm. This provides an optimal image in 16:9 in conjunction with the H3-M COVIEW® microscope camera head.




**Focal lengths:** H3-M COVIEW® camera image detail using a QUINTUS® TV adaptor with a fixed focal length of 55 mm.




**Variable focal length:** Adjustable H3-M COVIEW® camera image detail using a QUINTUS® TV adaptor with a variable focal length of 43 – 86 mm.

# TV Adaptors for Operating Microscopes



QUINTUS® TV Adaptor for operating microscopes from CARL ZEISS MEDITEC with fixed focal length

|   |                        |  |
|---|------------------------|--|
|  | <p><b>20923055</b></p> | <p><b>QUINTUS® Z 55 TV Adaptor</b>, for CARL ZEISS MEDITEC operating microscopes, f = 55 mm, recommended for IMAGE1 HD H3-M/H3-M COVIEW®, H3, H3-Z as well as S1 and S3 camera heads</p> |
|---|------------------------|--|

QUINTUS® Zoom TV Adaptor for operating microscopes from CARL ZEISS MEDITEC with variable focal length

|   |                         |  |
|---|-------------------------|--|
|  | <p><b>20923000Z</b></p> | <p><b>QUINTUS® Zoom TV Adaptor</b>, for CARL ZEISS MEDITEC operating microscopes, with variable focal length f = 43 – 86 mm, for use with all KARL STORZ cameras (SD and HD)</p> |
|---|-------------------------|--|


Further accessories for operating microscopes from CARL ZEISS MEDITEC

|   |                        |   |
|---|------------------------|---|
|   | <p><b>20925000</b></p> | <p><b>Iris</b>, for ZEISS Pentero®, iris as a necessary extension between the QUINTUS® TV adaptor and the operating microscope ZEISS Pentero®</p> |
|  | <p><b>301513</b></p>   | <p><b>Optical Beamsplitter 50/50</b>, for use with ZEISS operating microscope or colposcope</p>   |


**Note:** Optical beamsplitters for other operating microscopes (i.e. LEICA or Möller-Wedel) are available directly from the manufacturers.

# TV Adaptors for Operating Microscopes

QUINTUS® TV Adaptor for operating microscopes from LEICA Microsystems with fixed focal length

|   |                        |   |
|---|------------------------|---|
|  | <p><b>20933055</b></p> | <p><b>QUINTUS® L 55 TV Adaptor</b>, for LEICA Microsystems operating microscopes, <math>f = 55</math> mm, recommended for IMAGE1 HD H3-M/H3-M COVIEW®, H3, H3-Z as well as S1 and S3 camera heads</p> |
|---|------------------------|---|

QUINTUS® Zoom TV Adaptor for operating microscopes from LEICA Microsystems with variable focal length

|   |                         |  |
|---|-------------------------|--|
|  | <p><b>20933000Z</b></p> | <p><b>QUINTUS® Zoom TV Adaptor</b>, for LEICA Microsystems operating microscopes, variable focal length <math>f = 43 - 86</math> mm, for use with all KARL STORZ cameras (SD and HD)</p> |
|---|-------------------------|--|

QUINTUS® TV Adaptor for operating microscopes from Möller-Wedel/Haag-Streit with fixed focal length

|  |                        |   |
|--|------------------------|---|
|  | <p><b>20953055</b></p> | <p><b>QUINTUS® M 55 TV Adaptor</b>, for Möller-Wedel/Haag-Streit operating microscopes, <math>f = 55</math> mm, recommended for IMAGE1 HD H3-M/H3-M COVIEW®, H3, H3-Z as well as S1 and S3 camera heads</p> |
|--|------------------------|---|

**Note:** Optical beamsplitters for other operating microscopes (i.e. LEICA or Möller-Wedel) are available directly from the manufacturers.





# 14

## Units and Accessories

### Standard Equipment

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High Frequency Surgery Unit  
AUTOCON® III 400 288-294

# Standard Equipment for the Lower Urinary Tract



\*\*Also available in the following languages: DE, ES, FR, IT, PT, RU, SE

\*\*\*Also available in the following languages: DE, ES, FR, IT, PT, RU

The video towers displayed can only be used in conjunction with a telescope and/or videoendoscope.

# Standard Equipment for the Lower Urinary Tract

|                         |  |
|-------------------------|--|
| <b>Monitor:</b>         |  |
| TM220                   | 27" FULL HD Monitor  |
| <b>Camera system:</b>   |  |
| TC200EN**               | IMAGE1 S CONNECT®, basic module  |
| TC301                   | IMAGE1 S™ X-LINK, module for flexible and rigid endoscopy                              |
| TH113                   | IMAGE1 S™ HX-P FI One-Chip<br>FULL HD Pendulum Camera Head                             |
| <b>Alternative:</b>     |  |
| 11272VHK                | Flexible Video Cystoscope HD-VIEW, Set,<br>positive deflection, for use with IMAGE1 S™ |
| 11272VHUK               | Same, contrapositive deflection  |
| <b>Light Source:</b>    |  |
| 20133601-133            | Cold Light Fountain D-LIGHT C /AF SCB  |
| 495FS                   | Fluid Light Cable  |
| <b>Pump system:</b>     |  |
| 25320001                | UNIMAT® 30, suction pump set   |
| UP210                   | ENDOMAT® SELECT, roller pump   |
| UP604                   | UROLOGY Software, license  |
| 031523-10               | Tubing Set for Irrigation  |
| 030647-10               | Tubing Set for Suction   |
| <b>Motor system:</b>    |  |
| 27701001-1              | UNIDRIVE® S III SCB  |
| 27702050                | DRILLCUT-X® II Morcellator Handpiece URO   |
| UP501S2                 | S-PILOT® Set, incl. control cable  |
| 031457-10               | Tubing Set for Suction   |
| <b>Documentation:</b>   |  |
| WD350-EN***             | AIDA® with SMARTSCREEN®  |
| TC009                   | USB Adaptor, for ACC 1 and ACC 2   |
| 20040373                | RS-232 Connecting Cable, length 180 cm   |
| <b>HF unit:</b>         |  |
| UH400E                  | AUTOCON® III 400 High-End, with CE certification                                       |
| 27805                   | Neutral Electrode  |
| 27806UR                 | Neutral Electrode Connecting Cable   |
| UF902                   | Two-Pedal HF Footswitch  |
| <b>Equipment Carts:</b> |  |
| UG220                   | Equipment Cart, wide   |
| UG500                   | Monitor Holder   |
| UG540                   | Monitor Swivel Arm   |
| UG624                   | Pump Holder  |
| UG902                   | Footswitch Holder, for two-pedal HF footswitch   |
| UG310                   | Isolation Transformer  |
| UG410                   | Earth Leakage Monitor  |

# Standard Equipment for the Upper Urinary Tract



\*\*Also available in the following languages: DE, ES, FR, IT, PT, RU, SE

\*\*\*Also available in the following languages: DE, ES, FR, IT, PT, RU

The video towers displayed can only be used in conjunction with a telescope and/or videoendoscope.

# Standard Equipment for the Upper Urinary Tract

|                              |  |
|------------------------------|--|
| <b>Monitor:</b>              |  |
| TM220                        | 27" FULL HD Monitor  |
| <b>Camera system:</b>        |  |
| TC200EN**                    | IMAGE1 S CONNECT®, basic module  |
| TC301                        | IMAGE1 S™ X-LINK, module for flexible and rigid endoscopy                    |
| TH110                        | IMAGE1 S™ HX One-Chip FULL HD Camera Head                                    |
| <b>Alternative:</b>          |  |
| TC013                        | IMAGE1 S™ Videoendoscope Adaptor 90°   |
| 11278VSK                     | Video Uretero-Renoscope FLEX-X <sup>c</sup> , Set, compatible with IMAGE1 S™ |
| 11278VSUK                    | Video Uretero-Renoscope FLEX-X <sup>c</sup> , Set, compatible with IMAGE1 S™ |
| TH113                        | IMAGE1 S™ HX-P FI One-Chip FULL HD Pendulum Camera Head                      |
| <b>Light source:</b>         |  |
| 20161401-1                   | Cold Light Fountain POWER LED 175 SCB  |
| 495NAC                       | Fiber Optic Light Cable, diameter 3.5 mm                                     |
| <b>Pump system:</b>          |  |
| UP210                        | ENDOMAT® SELECT, roller pump   |
| UP604                        | UROLOGY Software, license  |
| 031647-10                    | Tubing Set for Suction   |
| 031523-10                    | Tubing Set for Irrigation  |
| 20701070                     | Control Cable  |
| UP003                        | Silicone Tubing Set  |
| 20300051                     | Suction Bottle, 0.5 l, sterilizable  |
| 20300039                     | Bottle Cap   |
| <b>Laser:</b>                |  |
| UL300-1                      | CALCULASE® III   |
| <b>Ultrasonic generator:</b> |  |
| 27610001                     | CALCUSON Ultrasonic Generator Set  |
| <b>Documentation:</b>        |  |
| WD350-EN***                  | AIDA® with SMARTSCREEN®  |
| TC009                        | USB Adaptor, for ACC 1 and ACC 2   |
| 20040373                     | RS-232 Connecting Cable, length 180 cm                                       |
| <b>Equipment carts:</b>      |  |
| UG220                        | Equipment Cart, wide   |
| UG500                        | Monitor Holder   |
| UG540                        | Monitor Swivel Arm   |
| 29005EFH                     | Footswitch Holder, for one-pedal footswitch                                  |
| ET21-1022                    | 6x Multiple Socket Strip   |
| ET21-1004                    | POAG Plate, in the energy beam   |
| UP011                        | Bottle Holder  |
| UG310                        | Isolation Transformer  |
| UG410                        | Earth Leakage Monitor  |



**UG220**

**Equipment Cart**, wide, high, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, energy beam with integrated electrical subdistributors with 12 sockets, potential equalization connectors,  
 Dimensions:

Equipment cart: 830 x 1474 x 730 mm (w x h x d),  
 Shelf: 630 x 25 x 510 mm (w x h x d),  
 Caster diameter: 150 mm

**Included in delivery:**

- UG011**      **Base Module**, equipment cart, wide
- UG021**      **Cover**, equipment cart, wide
- UG051**      **Beam Package**, equipment cart, high
- 3x UG604**    **Shelf**, wide
- UG602**      **Drawer Unit with Lock**, wide
- 2x UG608**    **Equipment Rail**, long
- UG612**      **Camera Holder**
- 2x UG700**    **Mains Cord**, length 100 cm



**UG210**

**Equipment Cart**, wide, small, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, energy beam with integrated electrical subdistributors with 6 sockets, potential equalization connectors,  
 Dimensions:




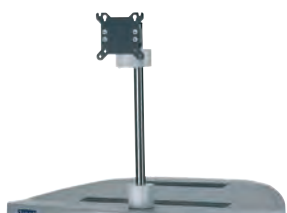

Equipment cart: 830 x 1265 x 730 mm (w x h x d),  
 Shelf: 630 x 25 x 510 mm (w x h x d),  
 Caster diameter: 150 mm

**Included in delivery:**

- UG011**      **Base Module**, equipment cart, wide
- UG021**      **Cover**, equipment cart, wide
- UG041**      **Beam Package**, equipment cart, small
- UG604**      **Shelf**, wide
- 2x UG602**    **Drawer Unit with Lock**, wide
- 2x UG608**    **Equipment Rail**, long
- 2x UG700**    **Mains Cord**, length 100 cm







# COR Equipment Carts

## Accessories

|   |                     |   |
|---|---------------------|---|
|    | <p><b>UG540</b></p> | <p><b>Monitor Swivel Arm</b>, height and side adjustable, can be mounted on the left or on the right side, swivel range 180°, reach 780 mm, from center 1170 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100, for use with Equipment Carts UGxxx</p>    |
|    | <p><b>UG510</b></p> | <p><b>Monitor Holding Arm</b>, height and side adjustable, tilting, can be mounted on the left or on the right side, swivel range up to approx. 320°, reach 530 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100, for use with Equipment Carts UGxxx</p> |
|    | <p><b>UG520</b></p> | <p><b>Monitor Holding Arm</b>, long, height and side adjustable, tilting, swivel range approx. 320°, reach 760 mm, loading capacity max. 15 kg, with monitor mount VESA 75/100, for use with Equipment Carts UGxxx</p>  |
|   | <p><b>UG500</b></p> | <p><b>Monitor Holder</b>, height adjustable, swiveling and tilting, central mount, swivel range approx. 360°, loading capacity max. 18 kg, with monitor mount VESA 75/100, for use with Equipment Carts UGxxx</p>   |
|  | <p><b>UG608</b></p> | <p><b>Equipment Rail</b>, long, for mounting to side of equipment cart, dimensions: 300 x 25 x 10 mm (w x h x d), for use with Equipment Carts UGxxx</p>  |
|   | <p><b>UG607</b></p> | <p><b>Equipment Rail</b>, short, for mounting to side of equipment cart, dimensions: 170 x 25 x 10 mm (w x h x d), for use with Equipment Carts UGxxx</p>   |

# COR Equipment Carts








## Accessories

|   |   |   |
|---|---|---|
|    | <p><b>UG310</b></p> <p><b>UG300</b></p>   | <p><b>Isolation Transformer</b>, 200 – 240 V, 2000 VA, with 3 special mains sockets, automatic cutout, 3 potential equalization connectors, dimensions: 330 x 90 x 495 mm (w x h x d), for use with Equipment Carts UGxxx</p> <p><b>Same</b>, 100 – 120 V</p>   |
|    | <p><b>UG410</b></p> <p><b>UG400</b></p>   | <p><b>Earth Leakage Monitor</b>, 200 – 240 V, for mounting to equipment carts, control panel dimensions: 44 x 80 x 29 mm (w x h x d), for use with Isolation Transformer UG310</p> <p><b>Earth Leakage Monitor</b>, 100 – 120 V, for mounting to equipment carts, control panel dimensions: 44 x 80 x 29 mm (w x h x d), for use with Isolation Transformer UG300</p> |
|    | <p><b>20010270</b></p> <p><b>20010370</b></p> <p><b>20010570</b></p> <p><b>20010670</b></p> | <p><b>Potential Equalization Cable</b>, length 500 cm</p> <p><b>Potential Equalization Cable</b>, length 200 cm</p> <p><b>Potential Equalization Cable</b>, length 150 cm</p> <p><b>Potential Equalization Cable</b>, length 100 cm</p>   |
|   | <p><b>UG614</b></p> <p><b>UG615</b></p>   | <p><b>Counter Balance Plate</b>, for improved stability when mounting a monitor holding arm, dimensions: 356 x 6 x 478 mm (w x h x d), for use with Equipment Carts UGxxx</p> <p><b>Auxiliary Counter Balance Plate</b>, for improved stability when mounting a monitor holding arm, dimensions: 290 x 6 x 478 mm (w x h x d), for use with Equipment Carts UGxxx</p> |
|  | <p><b>UG604</b></p>   | <p><b>Shelf</b>, wide, load capacity max. 60 kg, dimensions: 630 x 25 x 510 mm (w x h x d), for use with Equipment Carts UGxxx</p>  |
|  | <p><b>UG606</b></p>   | <p><b>Keyboard Tray</b>, wide, for mounting under Shelf UG604, load capacity max. 10 kg, dimensions: 630 x 480 mm (w x d), for use with Equipment Carts UGxxx</p>   |



# COR Equipment Carts

## Accessories

|   |                        |  |
|---|------------------------|--|
|    | <p><b>UG602</b></p>    | <p><b>Drawer Unit with Lock</b>, wide, max. shelf load 60 kg, max. drawer load 5 kg, with cable slot, dimensions: 630 x 126 x 510 mm (w x h x d), for use with Equipment Carts UGxxx</p>   |
|    | <p><b>UG612</b></p>    | <p><b>Camera Holder</b>, for mounting camera heads, with detachable inlays, compatible with all KARL STORZ endoscopy camera heads, for use with Equipment Carts UGxxx</p>  |
|    | <p><b>UG625</b></p>    | <p><b>IV Pole</b>, with 2 bottle hooks à 5 kg, length 130 cm, for use with Equipment Carts UGxxx</p> <p><b>Included in delivery:</b><br/> <b>UG616</b>            <b>IV Pole</b><br/> <b>UG623</b>            <b>Multifunctional Holder</b></p>                          |
|    | <p><b>UG626</b></p>    | <p><b>IV Pole</b>, height adjustable, with 2 bottle hooks à 5 kg, length 118 – 203 cm, for use with Equipment Carts UGxxx</p> <p><b>Included in delivery:</b><br/> <b>UG617</b>            <b>IV Pole</b><br/> <b>UG623</b>            <b>Multifunctional Holder</b></p> |
|  | <p><b>UG623</b></p>    | <p><b>Multifunctional Holder</b>, 2-part, for mounting poles, diameter 25 mm, package of 2, for use with Equipment Carts UGxxx</p>   |
|  | <p><b>29005DFH</b></p> | <p><b>Footswitch Holder</b>, for two- and three-pedal footswitches, for mounting to Equipment Rails UG608 and 29003GS, for use with Footswitches 20014330, 20015430, 20016430, 20016630, 20016831, 20017830 and 20017831</p>   |
|   | <p><b>29005EFH</b></p> | <p><b>Footswitch Holder</b>, for one-pedal footswitch, for mounting to Equipment Rails UG608 and 29003GS, for use with Footswitches 2014130, 20014230 and 20017832</p>   |
|  | <p><b>8404AK</b></p>   | <p><b>Wire Tray</b>, for accessories, for mounting to equipment rails, dimensions: 300 x 200 x 150 mm (w x h x d)</p>  |

# COR Mobile Stands

for treatment of the upper and lower urinary tracts

## Advanced functionalities in conjunction with IMAGE1 S™



**UG912**

**COR Mobile Stand**, high, rides on 4 antistatic dual wheels, with locking brakes, high beam module, incl. cable manager and handle

**Included in delivery:**

**UG804**      **Subrack**, high

**UG811**      **Top Cover Monitor Holder**

**UG854**      **Stainless Steel Tube**, length 400 mm

**UG857**      **Monitor Module**

**UG821**      **Shelf**, wide

**UG860**

**Drawer**, narrow, COR mobile stand

**UG864**

**Protective Housing Isolation Transformer**

**UG896**

**Isolation Transformer**, 230 V, 600 VA

## High compatibility with the TELE PACK+ all-one unit



**UG912**

**COR Mobile Stand**, high, rides on 4 antistatic dual wheels, with locking brakes, high beam module, incl. cable manager and handle

**Included in delivery:**

**UG804**      **Subrack**, high

**UG811**      **Top Cover Monitor Holder**

**UG854**      **Stainless Steel Tube**, length 400 mm

**UG857**      **Monitor Module**

**UG821**      **Shelf**, wide

**UG860**

**Drawer**, narrow, COR mobile stand

**UG864**

**Protective Housing Isolation Transformer**

**UG896**

**Isolation Transformer**, 230 V, 600 VA

# COR Mobile Stands

for morcellation

For mobile use of the morcellation system



**UG911**

**COR Pump Mobile Stand**, low, rides on 4 antistatic dual wheels, with locking brakes, low beam module, incl. cable manager and handle

**Included in delivery:**

**UG803**      **Subrack**, low

**UG816**      **Pump Holder**

**UG810**

**Top Cover**, COR mobile stand

**UG860**

**Drawer**, narrow, COR mobile stand

**UG814**

**Suction Canister Holder**

**UG864**

**Protective Housing Isolation Transformer**

**UG896**

**Isolation Transformer**, 230 V, 600 VA

**29005EFH**

**Footswitch Holder**, for one-pedal footswitch

## STORZ MEDICAL

### The Complete Solution for Urology

The MODULITH® SLX-F2 »connect« sets new standards in the field of stationary, multifunctional systems for ESWL and endourology. This is the only system on the market that offers the user the possibility to rotate the X-ray detector between the over- and undertable positions. This quickly and easily creates optimum ergonomics for performing all endourological interventions. A large, modern 17" X-ray flat-panel detector can be positioned close to the patient under the table. This provides an overview of the entire urogenital tract and practically makes table repositioning unnecessary during endourological interventions.

Endoscopic and ultrasound images can be displayed on freely positioned monitors, if required.

Alternatively, the proven electromagnetic STORZ MEDICAL with a penetration depth of max. 180 mm enables the non-invasive treatment of severely overweight patients up to a maximum weight of 225 kg. The MODULITH® SLX-F2 »connect« combines a lithotripter and a urological examination table in one system. State-of-the-art technology, flexibility and cost-effectiveness makes the MODULITH® SLX-F2 »connect« stand out as a unique multifunctional workstation for urology.



System setup for endourology



System setup for lithotripsy (SWL)

## STORZ MEDICAL

### Innovative X-ray technology for enhanced ESWL

As an integrated system with innovative X-ray technology and proven electromagnetic shock wave source, the MODULITH® SLX-F2 »FD21« is the optimal solution for urological departments with high stone rates. The fixed connection between X-ray, lithotripter and patient table ensures the system is always ready for daily use and that patient treatment is safe and ergonomic.

Stone localization is performed either by X-ray or ultrasound. The proven STORZ MEDICAL inline localization procedure provides a clear view of the treatment area and thereby ensures that no ribs or vulnerable tissue are in the shock wave path.

With the help of the StorM-Touch control platform, the physician can access all key X-ray and lithotripter functions from one location, allowing interactive treatment even from radiation-protected remote workspaces. The integrated StorM-Base patient database and various DICOM services support the user in their daily work and simplify the necessary documentation requirements.



## STORZ MEDICAL

### Innovative solution for stone therapy with inline localization and intuitive use

The MODULITH® SLK »inline« features the proven STORZ MEDICAL cylinder source. All types of stones in the urinary tract can be brought into focus and treated thanks to inline localization. The over- and undertable positioning of the therapy source in combination with the wide radius of motion of the integrated table allows treatment without the need for patient repositioning. Even heavy patients up to 225 kg can be safely positioned on the patient foil during treatment. This enables ideal coupling with the therapy head for transmitting shock waves without the formation of bubbles. MODULITH® SLK »inline« makes it easy to perform endourological treatments

such as URS and PCNL thanks to good access to the patient and a wide range of accessories. Due to the clearly arranged user interface on the touch screen, MODULITH® SLK »inline« is easy and intuitive to use. MODULITH® SLK »inline« can be configured according to budgetary or individual needs and requirements, ranging from the cost-effective version with a manual C-arm from the hospital inventory through to the high-end configurations with a remote workstation and motorized C-arm. The modular design concept allows a smooth upgrade of the MODULITH® SLK »inline« system at a later date.



STORZ MEDICAL

## Combination with mobile tables and C-arms

The MODULITH® SLK »intellect« can be combined with various OR tables with lateral cutout and surgical C-arms. Alignment of the system components is achieved through motorized movement of the lithotripter therapy source. Consequently, the components are available for treatment within a short period of time. The over- and undertable positions of the therapy source can be conveniently saved during the focus check and retrieved later. Markers on the therapy source facilitate a straight-forward alignment check of the C-arm and lithotripter.

The MODULITH® SLK »intellect«, which is designed with a small footprint, provides the user with good access to the patient and to the controls of the system components.



## Complement to urological X-ray workstations

The MODULITH® SLK »intellect« is the ideal complement to urological workstations such as Siemens Omnia.

This combination allows diagnosis and therapy to be performed without having to transfer the patient to another room. Patients can be treated with the compact lithotripter directly on the table of the urological workstation. With this system combination, the high image quality of the digital X-ray workstation can be used for stone localization and inline monitoring. The proven inline ultrasound localization is, of course, also available for use.

The lithotripter is positioned close to the X-ray workstation only when required. If not in use, the lithotripter can be stored in a space-saving manner whereby full access to the urological workstation is always guaranteed.



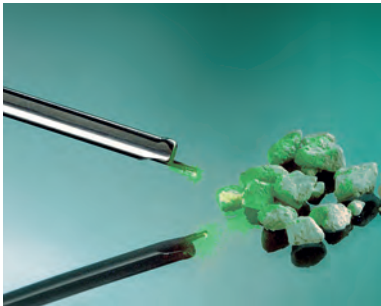
# CALCULASE® III SCB

LASER system for endoscopic stone therapy  
and soft tissue treatment



## 35 W Holmium LASER

The new 35 Watt desktop laser CALCULASE® III stands for efficient holmium: The system can be used, e.g., for soft tissue treatment such as ureteropelvic junction stenosis and the ablation of urethral carcinoma.



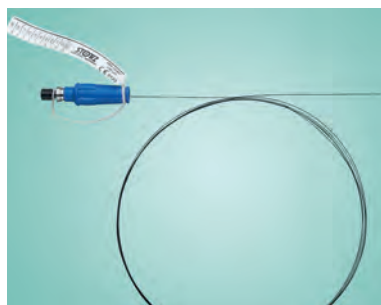
## Optimized pulse modes

For successful stone fragmentation, the user can choose between three pulse modes (burst, short, long). The burst mode was designed to reduce the repulsion of stone. The variable pulse length allows efficient stone fragmentation and/or pulverization.



## Diverse LASER fibers and instruments

KARL STORZ offers LASER fibers in various sizes (230, 365 and 600 µm) for both single and multiple use. Together with its wide range of rigid and flexible uretero-renaloscopes equipped with fiber optic and sensor technology as well as the MIP product family, KARL STORZ offers the ideal complete solution for stone therapy and soft tissue treatment.



## Automatic fiber detection (RFID)

The new CALCULASE® III LASER features an integrated RFID technology that enables automatic identification and reprocessing control:

- Fibers are identified
- The number of applications are counted
- The possible minimum and maximum setting values are automatically set



## Touch screen

The system is controlled via a modern, high-resolution 10" HD touch screen equipped with state-of-the-art technology.



# CALCULASE® III SCB

LASER system for endoscopic stone therapy  
and soft tissue treatment



**UL300-1**

**CALCULASE® III**, holmium LASER system,  
power supply 100 – 230 VAC, 50 / 60 Hz

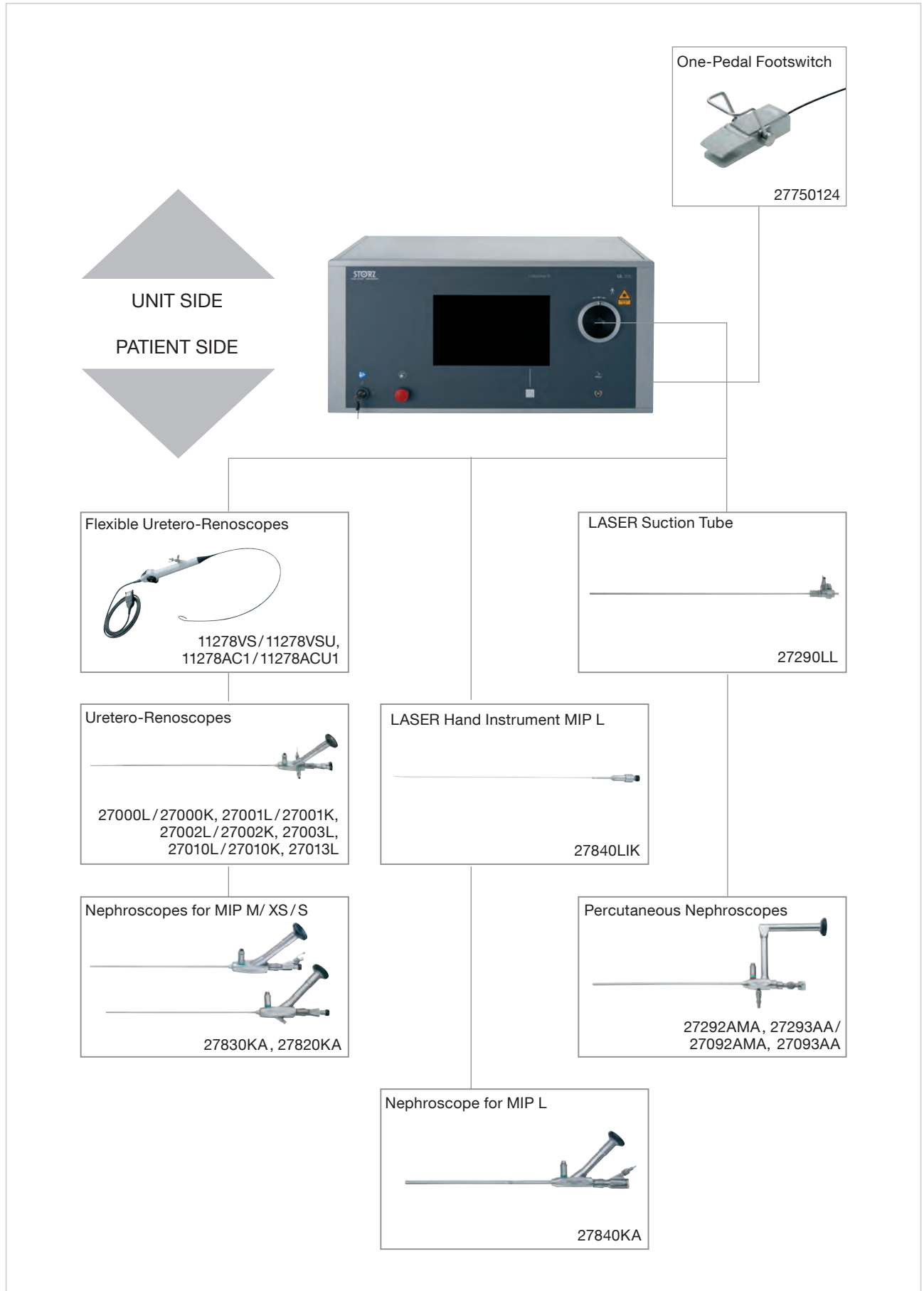
**Included in delivery:**

|                  |  |
|------------------|--|
| <b>UL300</b>     | <b>CALCULASE® III Basic Unit</b>                 |
| <b>ET21-1002</b> | <b>Mains Cord</b>                                |
| <b>27750124</b>  | <b>One-Pedal Footswitch</b>                      |
| <b>27750235</b>  | <b>Key Set</b>                                   |
| <b>UL102</b>     | <b>Filling Set</b>                               |
| <b>27750095</b>  | <b>Safety Goggles Ho: YAG LASER,<br/>2080 nm</b> |

## Parameters for 230 µm and 365 / 600 µm fibers

|                    | 230 µm Fibers |           | 365 / 600 µm Fibers |           |
|--------------------|---------------|-----------|---------------------|-----------|
|                    | Frequency     | Joule     | Frequency           | Joule     |
| <b>Pulse short</b> | 4 – 30 Hz     | 0.2 – 2 J | 4 – 30 Hz           | 0.2 – 2 J |
| <b>Pulse long</b>  | 4 – 15 Hz     | 0.6 – 2 J | 4 – 15 Hz           | 0.6 – 4 J |
| <b>Pulse burst</b> | 4 – 10 Hz     | 0.6 – 2 J | 4 – 10 Hz           | 0.6 – 4 J |


For the exact parameter settings for fibers, see instruction manual




# CALCULASE® III SCB

## Optional Components



### Fiber Sets, reusable

|   |                |   |
|---|----------------|---|
|  | <b>UL007S5</b> | <b>CALCULASE® III Fiber 230 µm</b> , sterile, reusable, length 300 cm, package of 6 |
|   | <b>UL008S5</b> | <b>CALCULASE® III Fiber 365 µm</b> , sterile, reusable, length 300 cm, package of 6 |
|   | <b>UL009S5</b> | <b>CALCULASE® III Fiber 600 µm</b> , sterile, reusable, length 300 cm, package of 6 |

### Fiber Sets, for single use

|   |                |   |
|---|----------------|---|
|  | <b>UL004S5</b> | <b>CALCULASE® III Fiber 230 µm</b> , sterile, for single use, length 300 cm, package of 6 |
|   | <b>UL005S5</b> | <b>CALCULASE® III Fiber 365 µm</b> , sterile, for single use, length 300 cm, package of 6 |
|   | <b>UL006S5</b> | <b>CALCULASE® III Fiber 600 µm</b> , sterile, for single use, length 300 cm, package of 6 |

### Optional Products

|   |                 |   |
|---|-----------------|---|
|  | <b>27750280</b> | <b>Fiber Stripper Set</b> , sterilizable, for use with CALCULASE® fibers<br><b>Included in delivery:</b><br><b>27750281</b> <b>Fiber Stripper</b> , 230 µm<br><b>27750282</b> <b>Fiber Stripper</b> , 356 µm<br><b>27750283</b> <b>Fiber Stripper</b> , 600 µm<br><b>27750284</b> <b>Ceramic Knife</b><br><b>27750285</b> <b>Silicone Pad</b> |
|  | <b>27750095</b> | <b>Safety Goggles Ho:YAG LASER</b> , 2080 nm  |

The above CALCULASE® III fibers are compatible with the predecessor model CALCULASE® (27750120-1).

# CALCUSON

Ultrasonic Lithotripsy System,  
Recommended Standard Set Configuration

## Special Features:

- System for ultrasonic lithotripsy, electronically controlled generator for maximum power output, working frequency approx. 26000 Hz



**27610001**

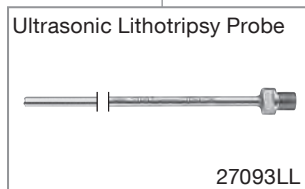
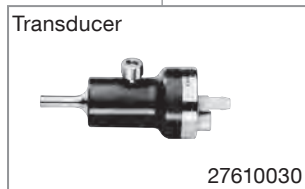
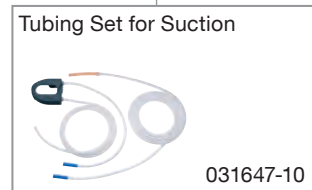
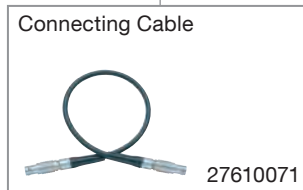
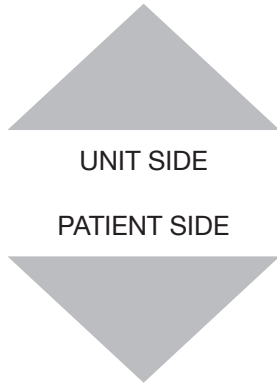
**CALCUSON Ultrasonic Generator Set,**  
power supply 100 – 120 VAC / 200 – 240 VAC,  
50/60 Hz

### Included in delivery:

- |                 |   |
|-----------------|---|
| <b>27610020</b> | <b>CALCUSON Ultrasonic Generator</b>                              |
| <b>400A</b>     | <b>Mains Cord</b>   |
| <b>20014230</b> | <b>One-Pedal Footswitch</b>                                       |
| <b>27610030</b> | <b>Transducer</b>   |
| <b>27610072</b> | <b>Connecting Cable (transducer/generator)</b>                    |
| <b>27085PL</b>  | <b>Protection Sleeve, for storage and sterilization of probes</b> |
| <b>27085CR</b>  | <b>Cleaning Rod, for probes</b>                                   |

## Specifications

|                      |   |              |                                |
|----------------------|---|--------------|--------------------------------|
| Working frequency    | approx. 26,000 Hz                         | Weight       | 3.7 kg                         |
| Power supply         | 110 – 120 VAC/<br>200 – 240 VAC, 50/60 Hz | Certified to | IEC 60601-1,<br>CE acc. to MDD |
| Dimensions w x h x d | 305 x 110 x 260 mm                        |              |                                |



**Ultrasonic Lithotripsy Probes for use with Transducer 27610030**



**Ultrasonic Lithotripsy Probes**

| Order no. | Diameter | Length | Further details                               | for use with  |
|-----------|----------|--------|---|---|
| 27425NK   | 1.5 mm   | 47 cm  | without oscillating tip, with suction channel | Ureteroscope 27002K   |
| 27425NL   |          | 57 cm  |   | Uretero-Renoscope 27002L  |
| 27830KN   |          | 37 cm  |   | Nephroscope for MIP M 27830KA   |
| 27093LM   | 3 mm     | 40 cm  | with oscillating tip and suction channel      | HOPKINS® Telescopes 27294AA, 27295AA, Operating Sheath 27294B and Nephroscope for MIP L 27840KA |
| 27093OM   |          |        | without oscillating tip, with suction channel |   |
| 27093LL   | 3.5 mm   | 40 cm  | with oscillating tip and suction channel      | HOPKINS® Telescopes 27292AMA, 27293AA and Operating Sheaths 27293BD/CD                          |
| 27093OL   |          |        | without oscillating tip, with suction channel |   |
| 27093LK   | 3.5 mm   | 30 cm  | with oscillating tip and suction channel      | HOPKINS® Telescopes 27092AMA, 27093AA and Operating Sheaths 27093BD / CD                        |
| 27093OK   |          |        | without oscillating tip, with suction channel |   |
| 27085L    | 4 mm     | 40 cm  | with suction channel                          | HOPKINS® Telescopes 27092A, 27092AM and Operating Sheaths 27090B                                |
| 27085LK   |          | 30 cm  |   |   |



**27630003**

**CALCUSPLIT® System,**  
power supply 100 / 120 / 230 / 240 VAC, 50 / 60 Hz

**Included in delivery:**

- 27630020      CALCUSPLIT®**
- 400A            Mains Cord**
- 20014230      One-Pedal Footswitch, digital, two-stage**
- 27630021      Fabric Tube**
- 27630038      CALCUSPLIT® Handpiece**
- 27630180      Sealing Rings, package of 5**
- 27630035      Spare Damping Unit,**  
package of 20
- 27630040      Silicone Tube**
- 27650C        Cleaning Brush, outer diameter 2.5 mm,**  
length 35 cm
- 27656B        Instrument Oil, bottle of 50 ml**

**Optional accessories:**

**20031001      Air Compressor, 0 – 8 bar, power supply 230 VAC, 50/60 Hz,**  
dimensions (w x d x h): approx. 500 x 320 x 340 mm, weight  
approx. 22 kg

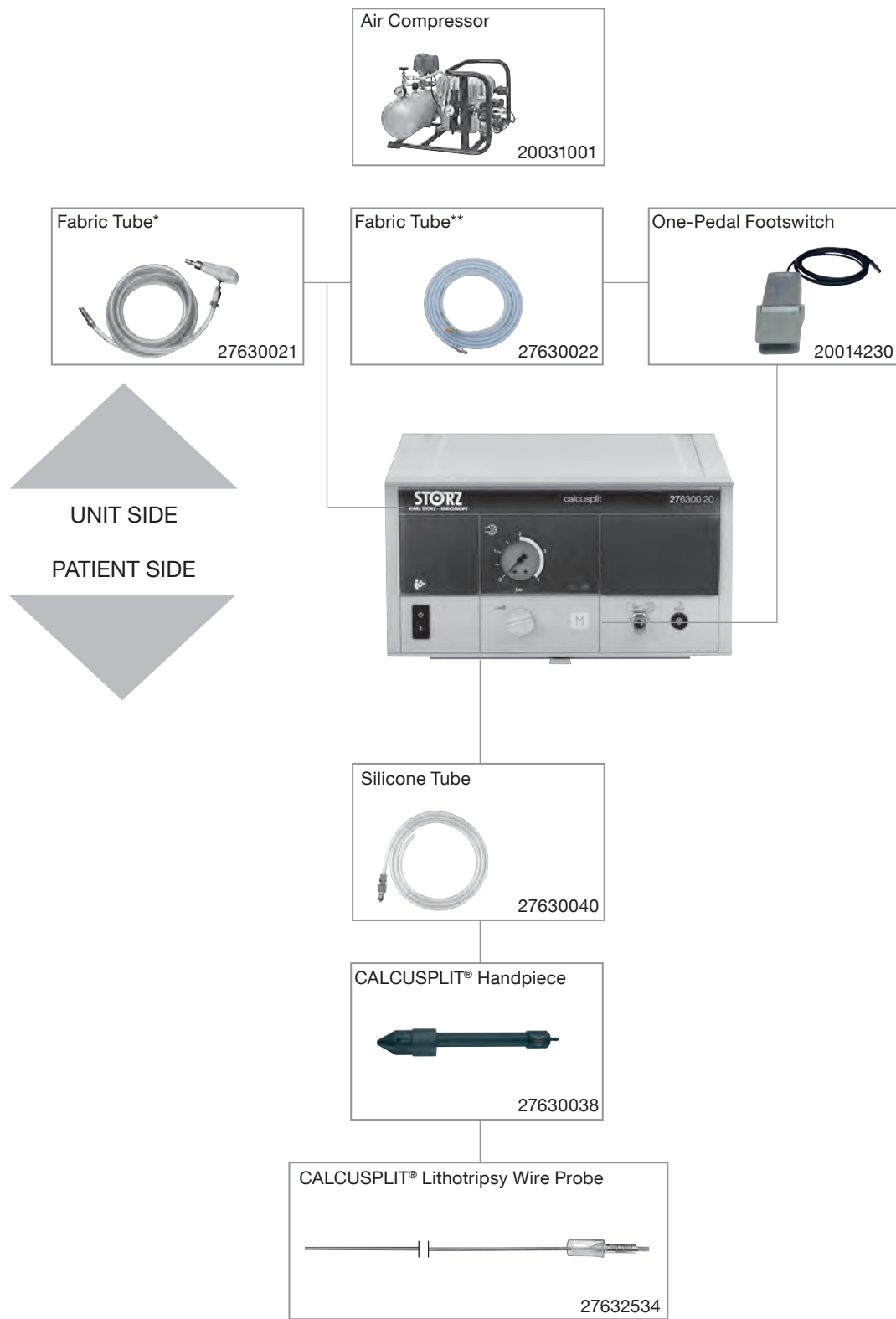
**Included in delivery:**

- 20031020      Air Compressor**
- 27630022      Fabric Tube**

**20031001C      Same, power supply 115 VAC, 50/60 Hz**

**Specifications**

|                         |  |              |                                |
|-------------------------|--|--------------|--------------------------------|
| Working frequency       | - single shot<br>- continuous shot 12 Hz | Weight       | 5 kg                           |
| Power supply            | 110 / 120 / 230 / 240 VAC,<br>50 / 60 Hz | Certified to | IEC 60601-1,<br>CE acc. to MDD |
| Dimensions<br>w x h x d | 305 x 164 x 260 mm                       |              |                                |



\* Connection to central compressed air supply

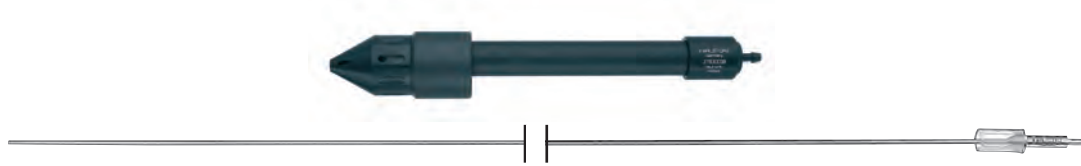
\*\* Connection to compressor



# Lithotripsy Wire Probes

for CALCUSPLIT®

## Lithotripsy Wire Probes for use with Handpiece 27630038



### CALCUSPLIT® Lithotripsy Wire Probes

| Order no. | Diameter | Working length | for use with  |
|-----------|----------|----------------|---|
| 27632534  | 0.8 mm   | 48.5 cm        | <b>Ureteroscopes</b> 27000K, 27001K, 27002K, 27002KP, in conjunction with Instrument Port 27001G and Handpiece 27630038   |
| 27632535  | 1 mm     |                |   |
| 27632536  | 1.6 mm   |                |   |
| 27632634  | 0.8 mm   | 57.5 cm        | <b>Uretero-Renoscopes</b> 27000L, 27001L, 27002L, 27003L, in conjunction with Instrument Port 27001G and Handpiece 27630038   |
| 27632635  | 1 mm     |                |   |
| 27632636  | 1.6 mm   |                |   |
| 27632232  | 1 mm     | 31 cm          | <b>HOPKINS® Telescopes</b> 27092AMA, 27093AA, 27095AA, in conjunction with Operating Sheaths 27093BD/CD, 27095B and Handpiece 27630038  |
| 27632234  | 2 mm     |                |   |
| 27634031  | 0.8 mm   | 37.5 cm        | <b>HOPKINS® Telescopes</b> 27292AMA, 27293AA, 27294AA, 27295AA, Operating Sheaths 27293BD/CD and Nephroscope for MIP M 27830KA in conjunction with Instrument Port 27001GP and Handpiece 27630038 |
| 27634032  | 1 mm     |                |   |
| 27634033  | 1.6 mm   |                |   |
| 27634034  | 2 mm     |                |   |



### Adaptor, autoclavable, for KARL STORZ uretero-renoscopes, new generation

| Order no. | Diameter | Working length | for use with  |
|-----------|----------|----------------|---|
| 27630136  | -        | -              | <b>Uretero-Renoscope</b> , new generation, for use with CALCUSPLIT® in conjunction with Instrument Port 27001G and Handpiece 27630038 |

# ENDOMAT® SELECT

Roller pump for the irrigation of fluids

## Special Features:

- Roller pump system for pressure-controlled irrigation or suction
- Fields of application can be expanded at any time
- Multidisciplinary use
- With connection option for the KARL STORZ Communication Bus (KARL STORZ-SCB)



# ENDOMAT® SELECT

Roller pump for the irrigation of fluids,  
Recommended Standard Set Configuration



## Basic unit:

**UP210**                    **ENDOMAT® SELECT**,  
suction or irrigation pump, incl. mains cord,  
power supply 100 – 240 VAC, 50/60 Hz

## Software modules:

**UP604**                    **UROLOGY Software**, license

**UP601**                    **SURGERY Software**, license

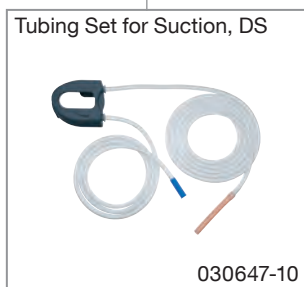
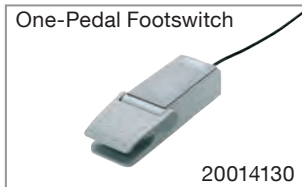
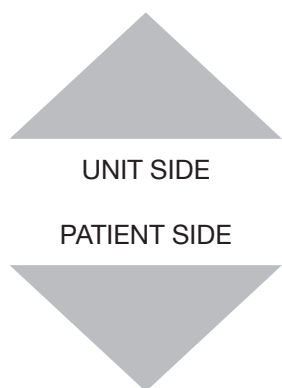
**UP610**                    **ADVANCED Package**, software, license,  
extends functions of installed software packages

## Specifications

|                   |  |                         |                                 |
|-------------------|--|-------------------------|---------------------------------|
| Software package  | URO  | Dimensions<br>w x h x d | 305 x 110 x 260 mm              |
| Flow              | - URO without ADVANCED<br>not adjustable: 400 ml/min<br>- URO with ADVANCED<br>adjustable:<br>200/400/600 ml/min<br>- URO with SURGERY<br>and with ADVANCED:<br>max. 3500 ml/min | Operating mode          | Irrigation, pressure-controlled |
| Power supply      | 100 – 240 VAC, 50/60 Hz  | Certified to            | IEC 60601-1,<br>CE acc. to MDD  |
| Weight            | 4.7 kg   |                         |                                 |
| Parameter display | - Set pressure<br>- Actual pressure  |                         |                                 |





# ENDOMAT® SELECT

System Components



# ENDOMAT® SELECT

## System Components

|   |                   |  |
|---|-------------------|--|
|  | <b>030647-10*</b> | <b>Tubing Set for Suction, DS, sterile,</b><br>for single use, package of 10,<br>for use with ENDOMAT® SELECT  |
|  | <b>031523-10*</b> | <b>Tubing Set for Irrigation, PC, sterile,</b><br>for single use, package of 10,<br>for use with ENDOMAT® SELECT                                       |
|  | <b>031524-10*</b> | <b>Tubing Set for Irrigation, FC, sterile,</b><br>for single use, package of 10,<br>for use with HAMOU® ENDOMAT® SCB 26331120-1<br>and ENDOMAT® SELECT |
|  | <b>20014130</b>   | <b>One-Pedal Footswitch, digital, one-stage</b>  |

**Special Features:**

- Customized installation in existing suction systems
- Communication between motor and suction system via footswitch
- Touch button for easy installation of tube
- With connection option for the KARL STORZ Communication Bus (KARL STORZ-SCB)





**Basic unit:**

**UP501S2**

**S-PILOT® Set**, incl. control cable,  
power supply 100 – 240 VAC, 50/60 Hz

**Included in delivery:**

|                  |   |
|------------------|---|
| <b>UP501</b>     | <b>S-PILOT®</b>   |
| <b>27610070</b>  | <b>Connecting Cable</b>   |
| <b>031457-10</b> | <b>Tubing Set Suction</b> , sterile,<br>for single use, package of 10 |

**Specifications**

|                   |                         |                         |                   |
|-------------------|-------------------------|-------------------------|-------------------|
| Power supply      | 100 – 240 VAC, 50/60 Hz | Dimensions<br>w x h x d | 305 x 50 x 320 mm |
| Power consumption | 30 W                    | Weight                  | 1.92 kg           |

# UNIMAT® 30

Universal Suction Pump,  
Recommended Standard Set Configuration



**25320001**

**UNIMAT® 30, Suction Pump Set,**  
power supply 230 VAC, 50/60 Hz

**Included in delivery:**

- 25320020 UNIMAT® 30**
- 25320080 Filter**
- 25320081 Suction Bottle**
- 25320082 Bottle Cap**
- 25320083 Connecting Tube, short**
- 25320084 Patient Tube**
- 25320085 Overflow Case**
- 400A Mains Cord, length 300 cm**

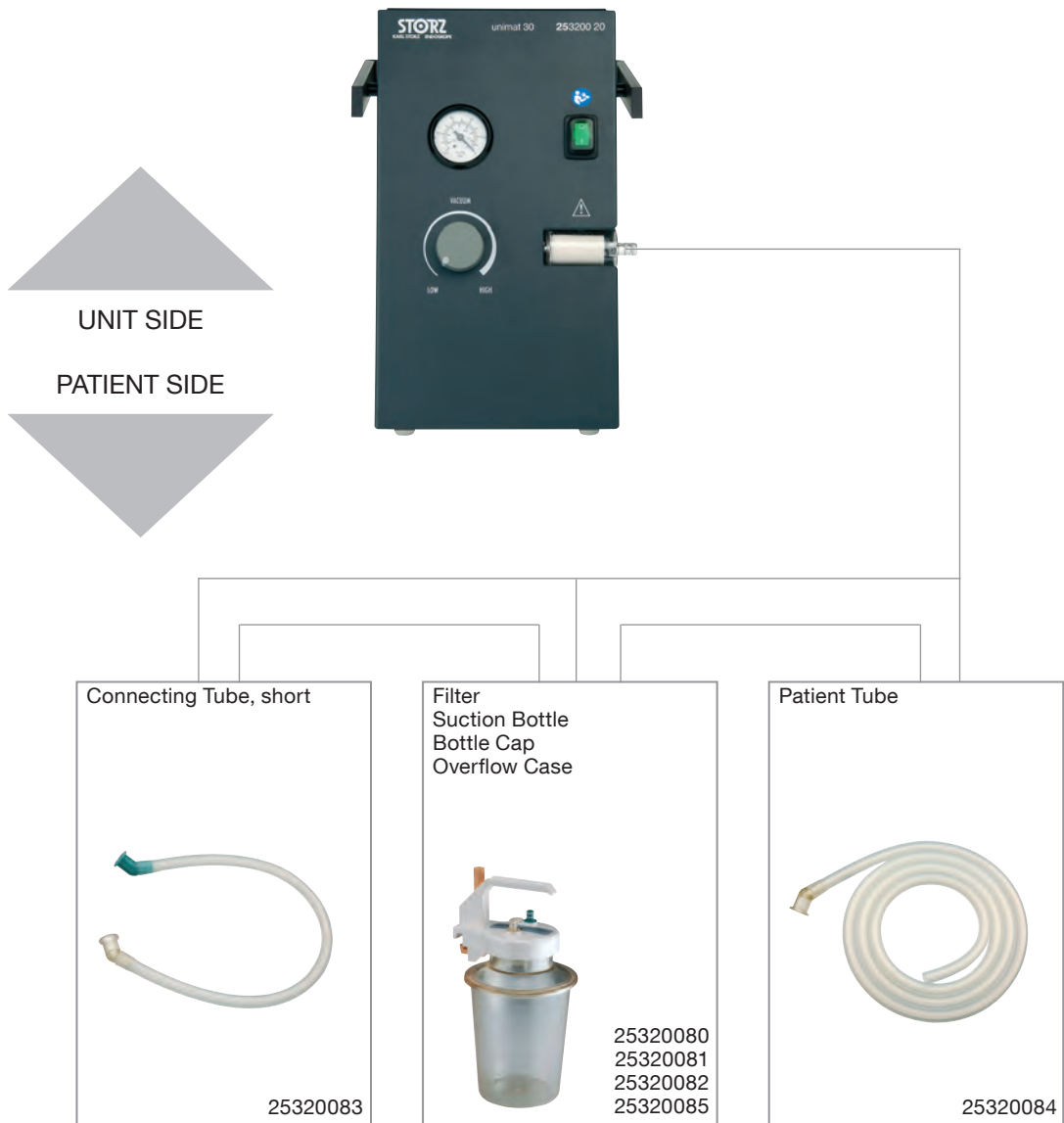
**25320001C**

**Same, power supply 115 VAC, 50/60 Hz**

## Specifications

|                         |                        |                                   |   |
|-------------------------|------------------------|-----------------------------------|---|
| Suction performance     | 30 l/m                 | Certified to                      | IEC 601-1, CE acc. to MDD   |
| Vacuum                  | up to 85 kPa, 640 mmHg | Rated power/<br>power consumption | 1 A, 100 Watt (115 VAC)<br>0.45 A, 100 Watt (230 VAC)                             |
| Power supply            | 115/230 VAC, 50/60 Hz  | Protection class                  | protection class I, BF, IPX 1   |
| Dimensions<br>w x h x d | 245 x 345 x 282 mm     | Inspections/<br>certificates      | MDD 93/42 EWG,<br>EN 60601-1, EN 60601-1-2,<br>EN 10079-1, ISO 9001,<br>UL 2601-1 |
| Weight                  | 7.4 kg                 |                                   |   |





|  |  |   |
|--|--|---|
|   | <p>25320080<br/>25320081<br/>25320082<br/>25320085</p> | <p><b>Filter</b>, for suction, unsterile<br/><b>Suction Bottle</b><br/><b>Bottle Cap</b><br/><b>Overflow Case</b></p> |
|   | <p>25320083</p>  | <p><b>Connecting Tube</b>, short</p>  |
|   | <p>25320084</p>  | <p><b>Patient Tube</b></p>  |
|   | <p><b>UG624</b></p>                                    | <p><b>Pump Holder</b>, for mounting suction pump UNIMAT® 30 to equipment carts UGxxx</p>                              |
|  | <p>031111-10</p>                                       | <p><b>Smoke Evacuation Filter</b>, unsterile, for single use, package of 10</p>                                       |

## Handpiece 27702050, for use with UNIDRIVE® S III SCB

### Special Features:

- Rapid coupling for blade fixation
- Central, straight suction channel
- Suitable for user in a cleaning machine and autoclavable up to 134° C
- Activation via the footswitch of the UNIDRIVE® S III motor system



27056LM

27702050

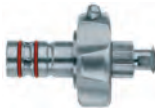
27702050

**DRILLCUT-X® II Morcellator Handpiece URO**, for use with UNIDRIVE® S III SCB



40712090

**Handle**, adjustable, for use with DRILLCUT-X® II Morcellator Handpiece URO 27702050



41250RA

**Cleaning Adaptor**, LUER-Lock, for cleaning the DRILLCUT-X® II morcellator handpiece

## For use with DRILLCUT-X® II Morcellator Handpiece URO

- Reusable
- Inner and outer blades can be cleaned separately
- Autoclavable
- With horizontal oscillating inner blade



27056LM



27056LM

**Morcellator Blade**, straight, sterilizable, drop-shaped cutting window, outer window serrated, inner window double fenestrated and serrated, diameter 4 mm, length 40 cm, for use with DRILLCUT-X® II Morcellator Handpiece URO 27702050



41200RA

**Cleaning Adaptor**, LUER-Lock, for cleaning the inner and outer blades of the DRILLCUT-X® accessories

# Morcellator System for Urology

UNIDRIVE® S III SCB

For use with DRILLCUT-X® II Morcellator Handpiece URO 27702050

## Special Features:

- Maximum number of revolutions can be preset
- Automatic handpiece recognition
- Control connection for KARL STORZ pump systems in combination mode
- Can be used with: DRILLCUT-X® II URO morcellator handpiece
- With connection possibilities to KARL STORZ Communication Bus (KARL STORZ-SCB)



**27701001-1 UNIDRIVE® S III SCB**, urology set, UNIDRIVE® S III motor system, with integrated SCB module, power supply 100 – 120 / 230 – 240 VAC, 50 / 60 Hz

### Included in delivery:

- 20701020-1 UNIDRIVE® S III SCB**  
**400A Mains Cord**  
**20016230 One-Pedal Footswitch**, two-stage  
**20090170 SCB Connecting Cable**, length 100 cm

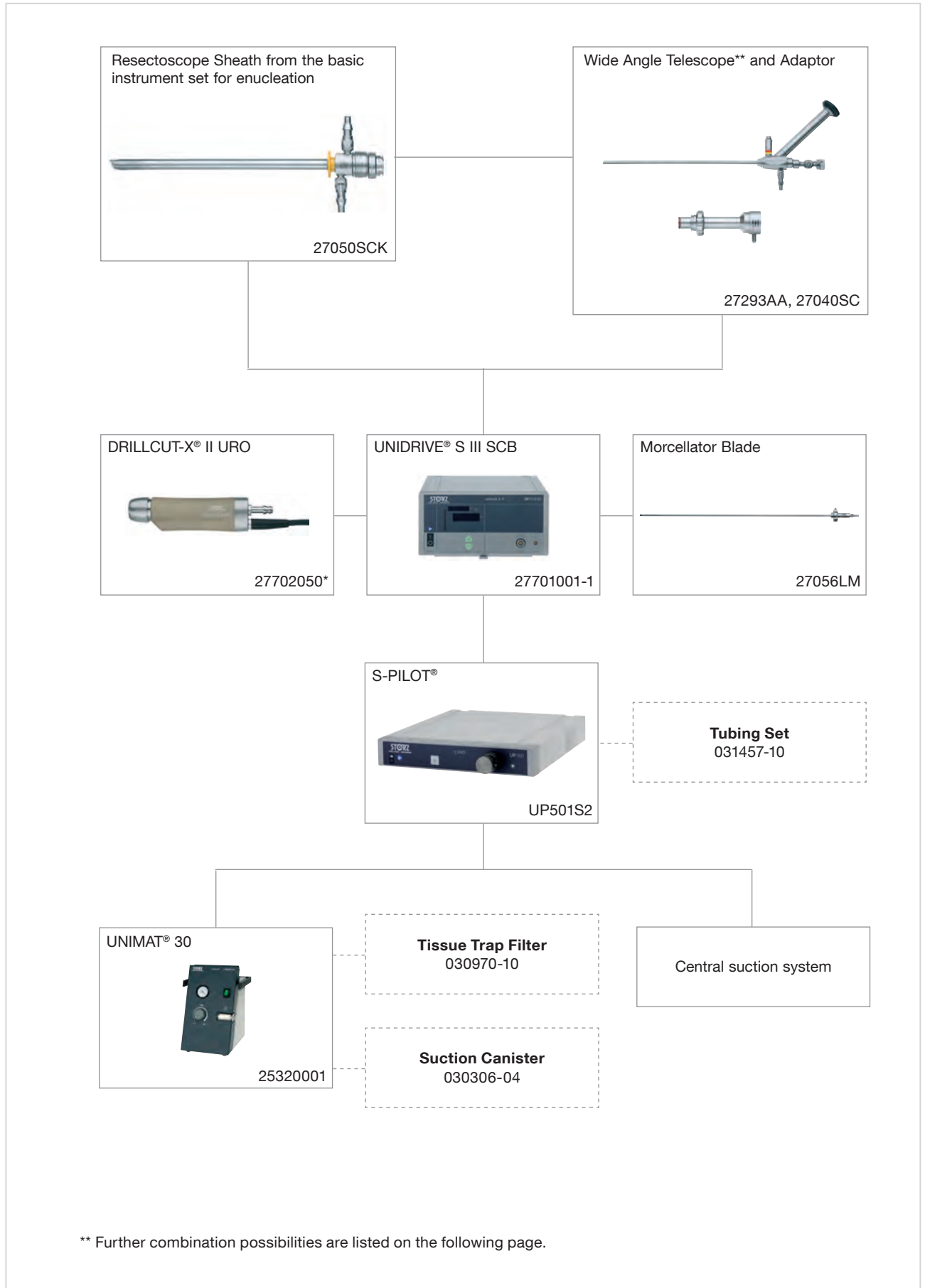
## Specifications

|                |  |                      |                           |
|----------------|--|----------------------|---------------------------|
| Operation mode | oscillating (morcellator)              | Dimensions w x h x d | 305 x 165 x 233 mm        |
| Max. rpm       | 40,000 (rpm)<br>Blade 500 – 5000 (rpm) | Weight               | 4 kg                      |
| Power supply   | 100-120 / 230-240 VAC,<br>50 / 60 Hz   | Certified to         | IEC 601-1, CE acc. to MDD |

**COR Mobile Stand for the Morcellation System**, see chapter UNITS and ACCESSORIES

# Morcellator System for Urology

Overview



\*\* Further combination possibilities are listed on the following page.

## HF Generator AUTOCON® III 400:

- **High user comfort:**  
High-resolution touch display, automatic selection of modes according to connecting cables (unipolar/bipolar resection), customizable procedure programming

- **Automated output control**



# AUTOCON® III 400

SHORT-E HF Cart

## Special Features:

- Optimized for HF units from KARL STORZ
- Smooth-running casters
- Optional subracks for storing accessories



**20020080**

**SHORT-E HF Cart**, rides on 4 antistatic dual wheels, 2 equipped with locking brakes, integrated cable conduit in vertical beam, 1 HF shelf, for AUTOCON® II 400 SCB, with hook for storing cables, cable manager, max. load capacity 51 kg,

Dimensions:

HF cart: 670 x 1020 x 670 mm (w x h x d),

HF shelf: 455 x 375 mm (w x d),

Caster diameter: 100 mm

Trolley is delivered unassembled.

**Included in delivery:**

**20020060 Subrack**, for mobile stand

**20020045 HF Shelf**

# AUTOCON® III 400

High Frequency Surgery Unit,  
Recommended Standard Set Configuration



- UH400** **AUTOCON® III 400 High-End**, without CE certification, power supply 220 – 240 VAC, 50 / 60 Hz, including mains cord
- HF connecting sockets unipolar:**  
2x 3-pin US type  
5 mm connector KARL STORZ/Erbe VIO  
2x 4 mm connector (via footswitch)  
BOVIE (footswitch)
- HF connecting sockets bipolar:**  
2x 2-pin US type (28.58)  
3x KARL STORZ/Erbe VIO
- Connecting socket:**  
Neutral Electrode 2-pol.  
Can be integrated into OR1™ with KARL STORZ OR1™ SCB control WU300.  
System requirements: SCB R-UI Software Release 20090001-46 or higher.
- UH400U** **Same**, without CE certification, power supply 100 – 127 VAC, 50 / 60 Hz
- UH400E** **Same**, with CE certification, power supply 220 – 240 VAC, 50 / 60 Hz
- UH400UE** **Same**, CE certification, power supply 100 – 127 VAC, 50 / 60 Hz

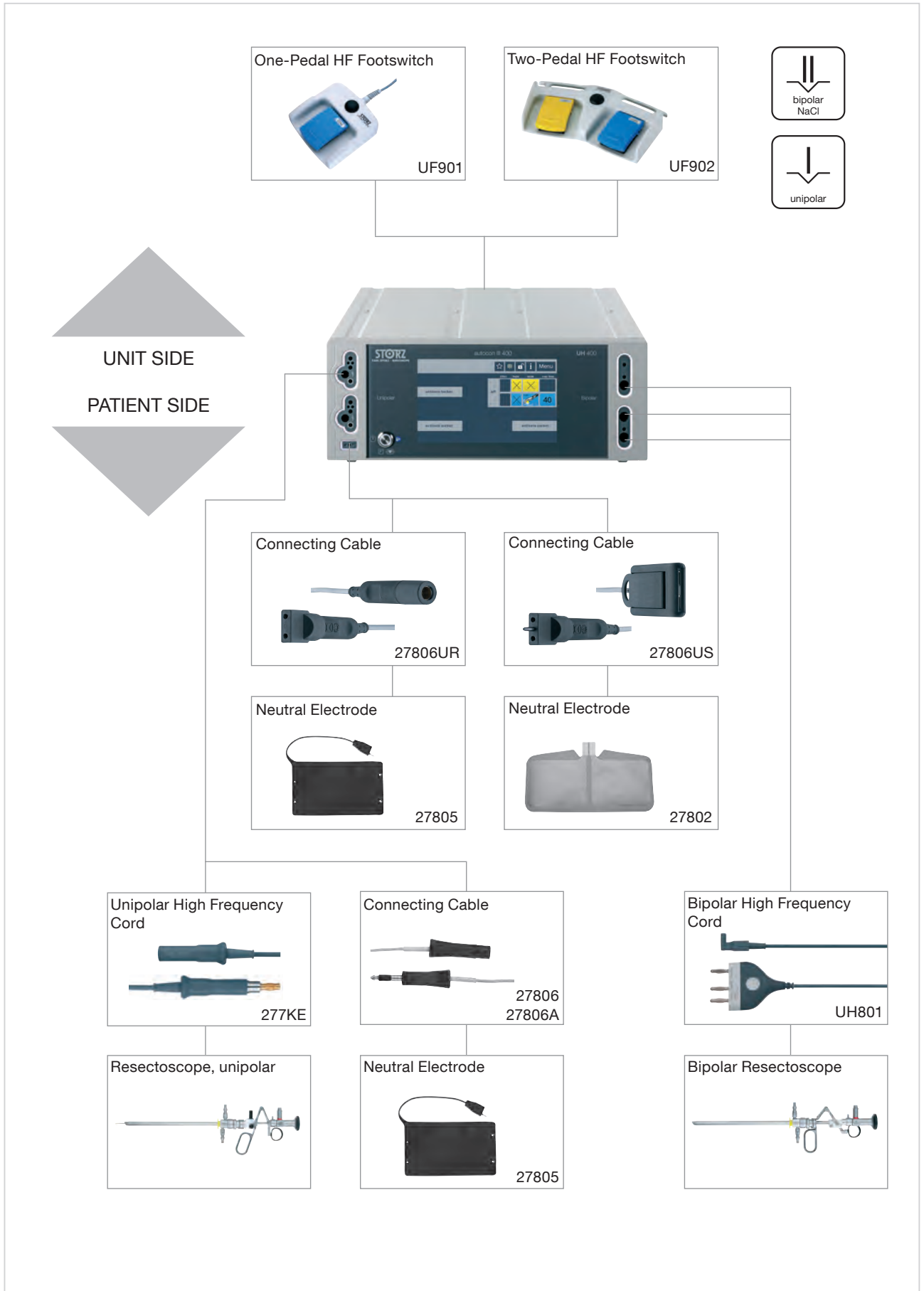
## Specifications

|              |  |                      |                    |
|--------------|--|----------------------|--------------------|
| Max. power   | unipolar: 400 Watt (at 200 Ohm)<br>bipolar: 400 Watt (at 75 Ohm)                             | Output frequency     | 350 kHz / 1 MHz    |
| Power supply | 220 – 240 VAC, 50 / 60 Hz (UH 400, UH 400E)<br>100 – 127 VAC, 50 / 60 Hz (UH 400U, UH 400UE) | Dimensions w x h x d | 447 x 177 x 457 mm |
| Weight       | 12.5 kg  | Certified to         | IEC 60601-1        |
| Sockets      | Unipolar sockets: 2<br>Bipolar sockets: 2 (can be expanded to 3)                             |                      |                    |



# AUTOCON® III 400









System Components



# Optional Components

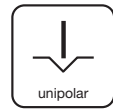
for AUTOCON® III 400 SCB

For use with AUTOCON® III 300 and AUTOCON® III 400

|   |                        |   |
|---|------------------------|---|
|    | <p><b>UF901</b></p>    | <p><b>One-Pedal HF Footswitch</b>, with button for switchover function, for use with HF generators</p>  |
|    | <p><b>UF902</b></p>    | <p><b>Two-Pedal HF Footswitch</b>, with button for switchover function, for use with HF generators</p>  |
|    | <p><b>27805</b></p>    | <p><b>Neutral Electrode</b>, made of conductive silicone, with 2 rubber ties for fastening, contact surface A = 500 cm<sup>2</sup>, for use with AUTOCON® series (200, 350), AUTOCON® II 400 series (111, 115) with Connecting Cable 27806 as well as AUTOCON® III 400 and AUTOCON® III 300 with Connecting Cable 27806UR</p> |
|    | <p><b>27806UR</b></p>  | <p><b>Neutral Electrode Connecting Cable</b>, for use with Neutral Electrode 27805</p>  |
|  | <p><b>27806US</b></p>  | <p><b>Neutral Electrode Connecting Cable</b>, for use with Neutral Electrode 27802</p>  |
|  | <p><b>27802</b></p>    | <p><b>Neutral Electrode</b>, contact surface divided into two, A = 169 cm<sup>2</sup>, for single use, package of 50, for use with AUTOCON® 50/200/350 and AUTOCON® II 400 all versions, AUTOCON® III 400 and AUTOCON® III 300, Connecting Cable 27806US required</p>   |
|  | <p><b>26520043</b></p> | <p><b>Electrode Handle</b>, with 2 buttons for activating the unipolar generator, yellow button: unipolar cutting, blue button: unipolar coagulation, High Frequency Cable 26520045 required</p>  |
|  | <p><b>26520045</b></p> | <p><b>High Frequency Cable</b>, for Electrode Handle 26520043, length 400 cm, for use with AUTOCON® II 400 SCB 20535220-111 and 20535220-115</p>  |

# High Frequency Cords

## Unipolar High Frequency Cords



| KARL STORZ Instrument | High Frequency Surgical Unit |               |  |
|-----------------------|------------------------------|---------------|--|
|                       |                              | <b>26002M</b> | <b>Unipolar High Frequency Cord</b> , with 4 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type T older models       |
|                       |                              | <b>26004M</b> | <b>Unipolar High Frequency Cord</b> , with 4 mm plug, length 300 cm, compatible with Martin HF units   |
|                       |                              | <b>26005M</b> | <b>Unipolar High Frequency Cord</b> , with 5 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type ICC and Erbe VIO 300 |
|                       |                              | <b>26006M</b> | <b>Unipolar High Frequency Cord</b> , with 8 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Valleylab units                |

## Bipolar High Frequency Cords

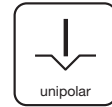


| KARL STORZ Instrument | High Frequency Surgical Unit |                |   |
|-----------------------|------------------------------|----------------|---|
|                       |                              | <b>26176LE</b> | <b>Bipolar High Frequency Cord</b> , length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe-Coagulator, T and ICC series  |
|                       |                              | <b>26176LM</b> | <b>Bipolar High Frequency Cord</b> , length 300 cm, compatible with Martin HF units   |
|                       |                              | <b>26176LV</b> | <b>Bipolar High Frequency Cord</b> , length 300 cm, pin distance unit side 28.58 mm, for AUTOCON® III and AUTOCON® II, for use with high frequency surgical units with bipolar sockets with 28.58 mm pin distance, compatible with Valleylab-Coagulator |
|                       |                              | <b>26176LW</b> | <b>Bipolar High Frequency Cord</b> , length 300 cm, pin distance unit side 22 mm, compatible with high frequency surgical units with bipolar sockets with 22 mm pin distance  |

**Please note:**

All high frequency cords of this page are delivered with a length of 300 cm. If a length of 500 cm is requested please add letter L to the part number, e.g., 26002ML, 26176LVL.

# Surgery Electrodes Set



20530008

## Surgery Electrodes Set

Included in delivery:

**Container with Lid and  
Sterilizing Insert,** for

16 electrodes with diameter 4 mm



**Wire Snare, 5 mm**

**Same, 10 mm**

**Ribbon Snare, 10 mm**

**KIRSCHNER Spatula Electrode, straight**

**MAGENAU Knife Electrode, angled**

**Knife Electrode, lancet-shaped**

**Ball Electrode, 2 mm**

**Same, 4 mm**

**Same, 6 mm**

**Needle Electrode**

**Flat Electrode, 8 x 10 mm**

**Same, 10 x 15 mm**

For use with Electrode Handles 26520043 and 26520046

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# 15 Components/ Spare Parts

The chapter “Components / Spare Parts” contains detailed information on KARL STORZ instruments. For easy location and reference, an index is available which lists the order number of the spare parts as well as those of the entire instrument, set or unit.

### Hotline

Queries concerning products, exchange, maintenance and cleaning can be addressed to Technical Support: 07461/708-980, from Monday to Thursday from 7 – 18 h and Friday from 7 – 17 Uhr.

### Example:

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27005AA                  | HOPKINS® Straight Forward Telescope 0°, enlarged view | 3, 72        |
| 27005FA                  | HOPKINS® Telescope 12°, enlarged view                 | 3, 38        |
| 27005BA                  | HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 3, 38        |
| 27005CA                  | HOPKINS® Lateral Telescope 70°, enlarged view         | 3            |
| 27005EA                  | HOPKINS® Retrospective Telescope 120°, enlarged view  | 3            |
| 27005AIA                 | HOPKINS® Straight Forward Telescope 0°, enlarged view | 4, 110       |
| 27005FIA                 | HOPKINS® Telescope 12°, enlarged view                 | 4, 110       |
| 27005BIA                 | HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 4, 110       |
| 27005CIA                 | HOPKINS® Lateral Telescope 70°, enlarged view         | 4, 110       |

| Spare Parts   |  |
|---|--|
| <b>495F</b><br><b>Receptacle</b> , diameter 9 mm,<br>for Wolf fiber optic light cable | <b>495G</b><br><b>Screw Base</b> , for KARL STORZ<br>fiber optic light cables and Olympus<br>Corporation |

Components/spare parts with corresponding order number of the instrument and reference to catalog page

| Components / Spare Parts |   | Catalog page       |
|--------------------------|---|--------------------|
| 27005AA                  | HOPKINS® Straight Forward Telescope 0°, enlarged view                   | 3, 72              |
| 27005FA                  | HOPKINS® Telescope 12°, enlarged view                                   | 3, 38              |
| 27005BA                  | HOPKINS® Forward-Oblique Telescope 30°, enlarged view                   | 3, 38              |
| 27005CA                  | HOPKINS® Lateral Telescope 70°, enlarged view                           | 3                  |
| 27005EA                  | HOPKINS® Retrospective Telescope 120°, enlarged view                    | 3                  |
| 27005AIA                 | HOPKINS® Straight Forward Telescope 0°, enlarged view                   | 4, 110             |
| 27005FIA                 | HOPKINS® Telescope 12°, enlarged view                                   | 4, 110             |
| 27005BIA                 | HOPKINS® Forward-Oblique Telescope 30°, enlarged view                   | 4, 110             |
| 27005CIA                 | HOPKINS® Lateral Telescope 70°, enlarged view                           | 4, 110             |
| 27005BGA                 | Greenlight Filter HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 5, 99, 101         |
| 27020AA                  | HOPKINS® Straight Forward Telescope 0°                                  | 6, 33, 83          |
| 27020FA                  | HOPKINS® Telescope 12°, enlarged view                                   | 6, 33, 79, 80      |
| 27020BA                  | HOPKINS® Forward-Oblique Telescope 30°                                  | 6, 33              |
| 27324AA                  | HOPKINS® Straight Forward Telescope 0°                                  | 39                 |
| 27301AA                  | HOPKINS® Straight Forward Telescope 0°                                  | 44                 |
| 27301BA                  | HOPKINS® Forward-Oblique Telescope 30°                                  | 44                 |
| 27033AA                  | Miniature Straight Forward Telescope 0°                                 | 46, 89             |
| 27017AA                  | HOPKINS® Straight Forward Telescope 0°                                  | 48, 87             |
| 27017BA                  | HOPKINS® Forward-Oblique Telescope 30°                                  | 48                 |
| 27018AA                  | HOPKINS® Straight Forward Telescope 0°                                  | 50, 85             |
| 27018BA                  | HOPKINS® Forward-Oblique Telescope 30°                                  | 50                 |
| 27018CA                  | HOPKINS® Lateral Telescope 70°  | 50                 |
| 27325BA                  | HOPKINS® Forward-Oblique Telescope 30°                                  | 21, 74, 75, 76, 77 |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

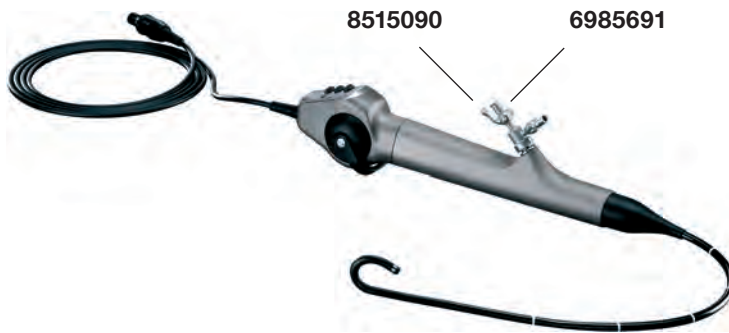
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

# Video Cysto-Urethroscopes C-VIEW®

## Components / Spare Parts

## Catalog page

|           |   |    |
|-----------|---|----|
| 11272VEK  | CMOS Video Cysto-Urethroscope C-VIEW® KIT | 12 |
| 11272VUEK | CMOS Video Cysto-Urethroscope C-VIEW® KIT | 12 |



## Spare Parts

8515090  
Stopcock

6985691  
Spring Cap



| Components / Spare Parts |                          | Catalog page |
|--------------------------|--------------------------|--------------|
| 11272CK1                 | Cysto-Urethro-Fiberscope | 15           |
| 11272CUK1                | Cysto-Urethro-Fiberscope | 15           |



## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus  
 Corporation

**8515090**  
**Stopcock**

**6985691**  
**Spring Cap**

# Cysto-Urethroscope Sheaths

Rigid Cystoscopes

| Components / Spare Parts |                                | Catalog page |
|--------------------------|--------------------------------|--------------|
| 27026AK                  | Cystoscope-Urethroscope Sheath | 20           |
| 27026BK                  | Cystoscope-Urethroscope Sheath | 20           |
| 27026CK                  | Cystoscope-Urethroscope Sheath | 20           |
| 27026DK                  | Cystoscope-Urethroscope Sheath | 20           |
| 27026UK                  | Cystoscope-Urethroscope Sheath | 20           |



### With additional slot

|          |                                |    |
|----------|--------------------------------|----|
| 27026ABK | Cystoscope-Urethroscope Sheath | 20 |
| 27026BBK | Cystoscope-Urethroscope Sheath | 20 |
| 27026CBK | Cystoscope-Urethroscope Sheath | 20 |
| 27026DBK | Cystoscope-Urethroscope Sheath | 20 |



### Spare Parts

8458190  
Stopcock

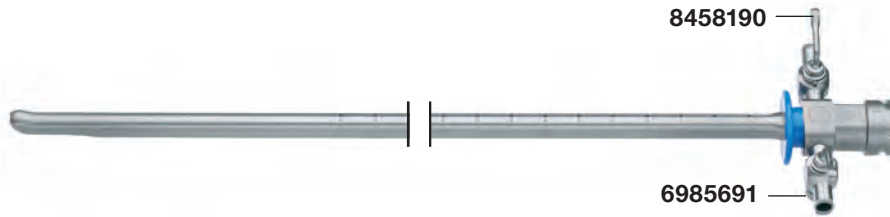
6985691  
Spring Cap

# Cysto-Urethroscope Sheath

Rigid Cystoscope, extra long

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |                                |    |
|----------|--------------------------------|----|
| 27027KLK | Cystoscope-Urethroscope Sheath | 21 |
|----------|--------------------------------|----|



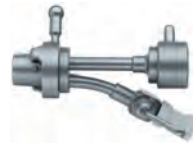
**Spare Parts**

8458190  
Stopcock

6985691  
Spring Cap

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                  |    |
|---------|------------------|----|
| 27027NL | Telescope Bridge | 21 |
|---------|------------------|----|



|        |                               |    |
|--------|-------------------------------|----|
| 27027E | Catheter Deflecting Mechanism | 21 |
|--------|-------------------------------|----|



**Spare Parts**

27550C-10  
Sealing Cap, drill hole diameter 1.2 mm,  
package of 10

27027O  
Filling Rod, for 27027E

8541890  
Stopcock

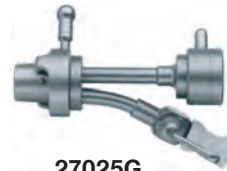
6985691  
Spring Cap

# Telescope Bridges

Rigid Cystoscopes

| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|          |                  |    |
|----------|------------------|----|
| 27025G   | Telescope Bridge | 22 |
| 27025GA  | Telescope Bridge | 22 |
| 27025GFA | Telescope Bridge | 22 |



27025G

**Spare Parts**

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**27550C-10**  
**Sealing Cap**, drill hole diameter 1.2 mm,  
package of 10

**6985691**  
**Spring Cap**

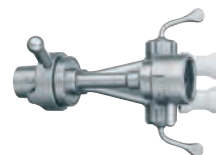
---

**8541890**  
**Stopcock**

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| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|         |                  |    |
|---------|------------------|----|
| 27025GF | Telescope Bridge | 22 |
|---------|------------------|----|



27025GF

**Spare Parts**

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**27550C-10**  
**Sealing Cap**, drill hole diameter 1.2 mm,  
package of 10

**6725195**  
**Screw Cap**

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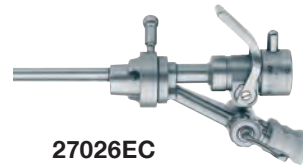
**6785495**  
**Stopcock**

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# Catheter Deflecting Mechanisms

Rigid Cystoscopes

| Components / Spare Parts |                               | Catalog page |
|--------------------------|-------------------------------|--------------|
| 27026EF                  | Catheter Deflecting Mechanism | 22           |
| 27026EG                  | Catheter Deflecting Mechanism | 22           |
| 27026EC                  | Catheter Deflecting Mechanism | 22           |



27026EC

## Spare Parts

**27550C-10**  
**Sealing Cap**, drill hole diameter 1.2 mm,  
package of 10

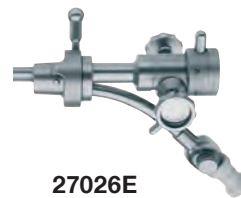
**6725195**  
**Screw Cap**

**6785495**  
**Stopcock**

**3012090**  
**Spring**, for stopcock

**270210**  
**Filling Rod**

| Components / Spare Parts |                               | Catalog page |
|--------------------------|-------------------------------|--------------|
| 27026E                   | Catheter Deflecting Mechanism | 22           |



27026E

## Spare Parts

**27550C-10**  
**Sealing Cap**, drill hole diameter 1.2 mm,  
package of 10

**6985691**  
**Spring Cap**

**8541890**  
**Stopcock**

**270210**  
**Filling Rod**

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                              |    |
|---------|------------------------------|----|
| 27035BA | Universal Cysto-Urethroscope | 32 |
| 27035BB | Universal Cysto-Urethroscope | 32 |



27035BA

## Spare Parts

**27550C-10**  
**Sealing Cap**, drill hole diameter 1.2 mm,  
 package of 10

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus Corporation

**8458190**  
**Stopcock**  
 (proximal)

**8515090**  
**Stopcock**

**6985691**  
**Spring Cap**

# Universal Cysto-Urethroscopes

Cysto-Urethroscope Sheaths

## Components / Spare Parts

Catalog page

27034AK

Cystoscope-Urethroscope Sheath

33



## Spare Parts

27550A-10

Sealing Cap, drill hole diameter 0.8 mm,  
package of 10

6985691

Spring Cap

8515090

Stopcock

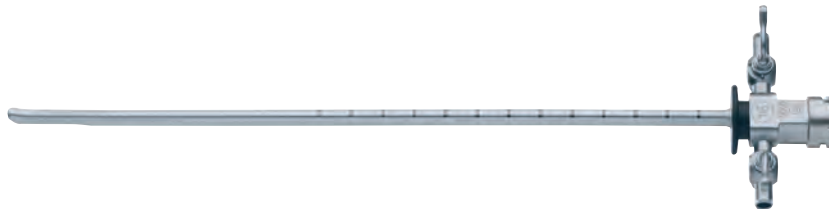
## Components / Spare Parts

Catalog page

27034BK

Cystoscope-Urethroscope Sheath

33



## Spare Parts

8458190

Stopcock

6985691

Spring Cap

# Universal Cysto-Urethroscopes

Telescope Bridge, NICKEL Cystoscope Adaptor

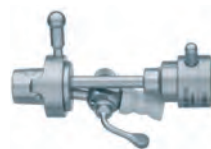
## Components / Spare Parts

Catalog page

27034G

Telescope Bridge

33



## Spare Parts

27550A-10

**Sealing Cap**, drill hole diameter 0.8 mm,  
package of 10

6985691

**Spring Cap**

8458190

**Stopcock**

## Components / Spare Parts

Catalog page

27026X

NICKELL Cystoscope Adaptor

31



## Spare Part

6127490-10

**Sealing Cap**, 50/3.6,  
package of 10



| Components / Spare Parts |                                      | Catalog page |
|--------------------------|--------------------------------------|--------------|
| 27023FE                  | Grasping Forceps for Small Fragments | 10, 13, 16   |
| 27175A                   | Forceps for Foreign Body Removal     | 34           |
| 27175B                   | Forceps for Foreign Body Removal     | 34           |
| 27034FK                  | Forceps for Foreign Body Removal     | 35           |
| 27177A                   | Biopsy Forceps                       | 34           |
| 27177B                   | Biopsy Forceps                       | 34           |
| 27034FL                  | Biopsy Forceps                       | 35           |
| 27023ZE                  | Biopsy Forceps                       | 10, 13, 16   |
| 27178A                   | Scissors                             | 34           |
| 27178B                   | Scissors                             | 34           |
| 27034S                   | Scissors                             | 35           |



### Spare Parts

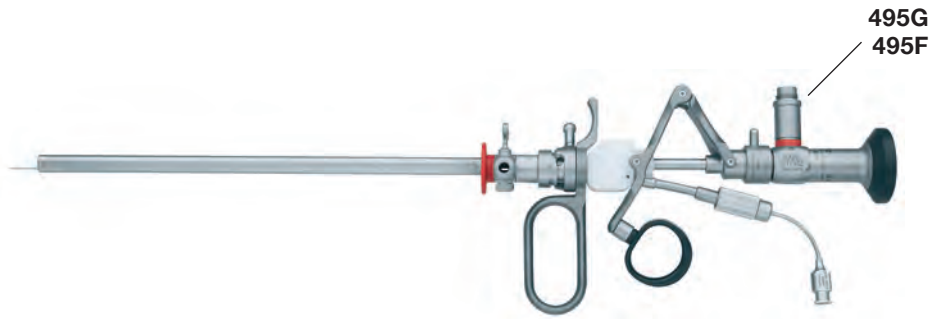
**5904998-10**  
**Sealing Cap**, diameter 0.8 mm,  
 package of 10

**5963402**  
**Knurled Screw**

# Instrument Set for Transurethral Viscous Fluid Injection

HOPKINS® Telescope, Operating Sheath

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27005FA                  | HOPKINS® Telescope 12°, enlarged view                 | 38           |
| 27005BA                  | HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 38           |

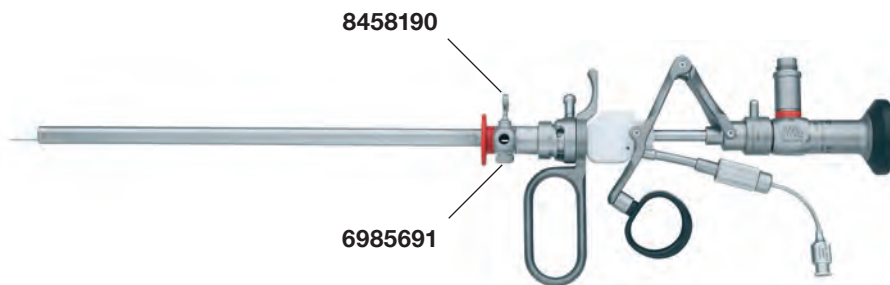


## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |                  | Catalog page |
|--------------------------|------------------|--------------|
| 27054SJK                 | Operating Sheath | 38           |



## Spare Parts

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**

# Instruments for use with the UroLift® System

HOPKINS® Telescope, Cysto-Urethroscope Sheath

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |  |    |
|---------|--|----|
| 27324AA | HOPKINS® Straight Forward Telescope 0° | 39 |
|---------|--|----|



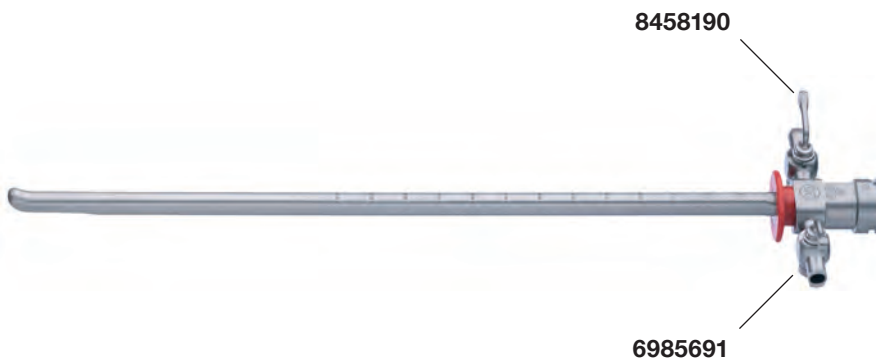
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                                |    |
|---------|--------------------------------|----|
| 27026CK | Cystoscope-Urethroscope Sheath | 39 |
|---------|--------------------------------|----|



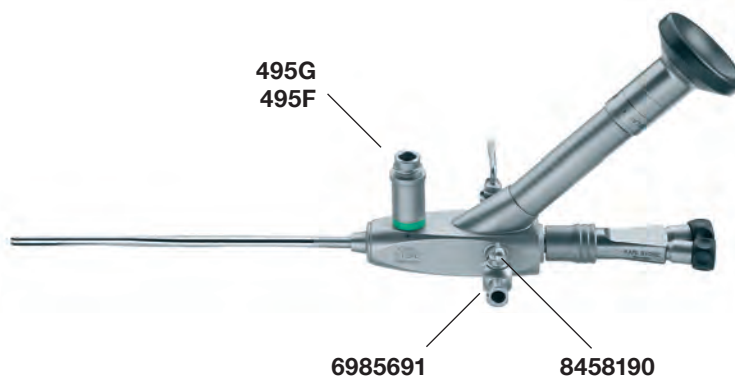
### Spare Parts

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |                    |    |
|----------|--------------------|----|
| 27030KAK | Cysto-Urethroscope | 40 |
| 27030KBK | Cysto-Urethroscope | 42 |



### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus  
 Corporation

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                 |    |
|---------|-----------------|----|
| 27001G  | Instrument Port | 40 |
| 27001GF | Instrument Port | 40 |
| 27001GH | Instrument Port | 40 |



### Spare Part

**27550N-10**  
**Seal**, for instrument ports,  
 package of 10

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27071TJ                  | Forceps for Foreign Body Removal                  | 41           |
| 27071ZJ                  | Biopsy Forceps                                    | 41           |
| 27095F                   | Forceps, for grasping stone fragments             | 43           |
| 27095P                   | Forceps, for grasping larger stones and fragments | 43           |
| 27095Z                   | Biopsy Forceps                                    | 43           |

## Spare Parts

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5904998  
Sealing Cap, diameter 0.8 mm

5963402  
Knurled Screw

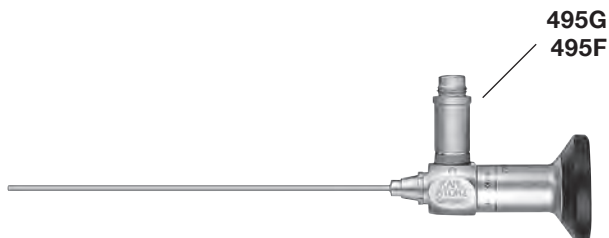
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# Cysto-Urethroscope

HOPKINS® Telescope, Cysto-Urethroscope Sheaths

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |  |    |
|---------|--|----|
| 27301AA | HOPKINS® Straight Forward Telescope 0° | 44 |
| 27301BA | HOPKINS® Forward-Oblique Telescope 30° | 44 |



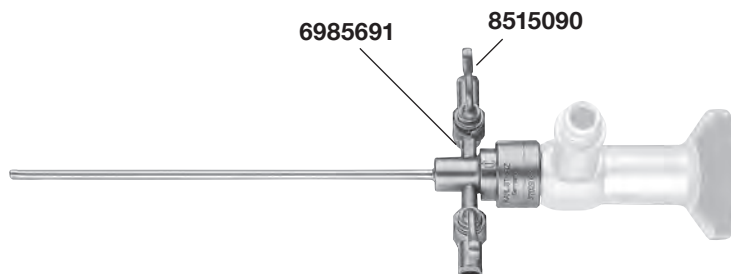
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |                                |    |
|----------|--------------------------------|----|
| 27029CNK | Cystoscope-Urethroscope Sheath | 45 |
| 27029DNK | Cystoscope-Urethroscope Sheath | 45 |



### Spare Parts

**8515090**  
**Stopcock**

**6985691**  
**Spring Cap**

# Cysto-Urethroscope

Miniature Straight Forward Telescope, Cysto-Urethroscope Sheaths

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |   |    |
|---------|---|----|
| 27033AA | Miniature Straight Forward Telescope 0° | 46 |
|---------|---|----|



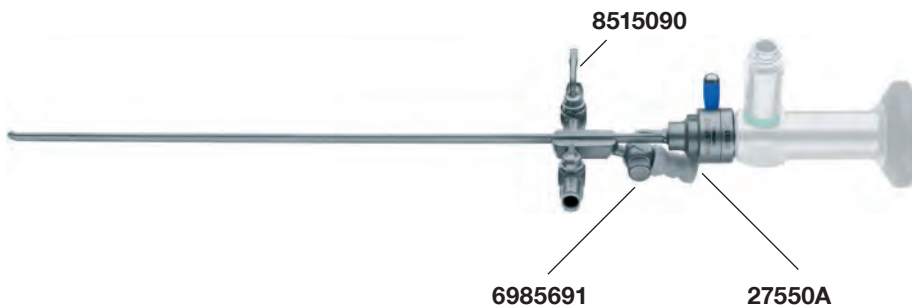
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |                                |    |
|----------|--------------------------------|----|
| 27033CK  | Cystoscope-Urethroscope Sheath | 46 |
| 27033DK  | Cystoscope-Urethroscope Sheath | 46 |
| 27033CRK | Cystoscope-Urethroscope Sheath | 46 |



### Spare Parts

**27550A-10**  
**Sealing Cap**, drill hole diameter 0.8 mm,  
package of 10

**6985691**  
**Spring Cap**

**8515090**  
**Stopcock**

# Cysto-Urethroscope

HOPKINS® Telescope, Cysto-Urethroscope Sheaths

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |  |    |
|---------|--|----|
| 27017AA | HOPKINS® Straight Forward Telescope 0° | 48 |
| 27017BA | HOPKINS® Forward-Oblique Telescope 30° | 48 |



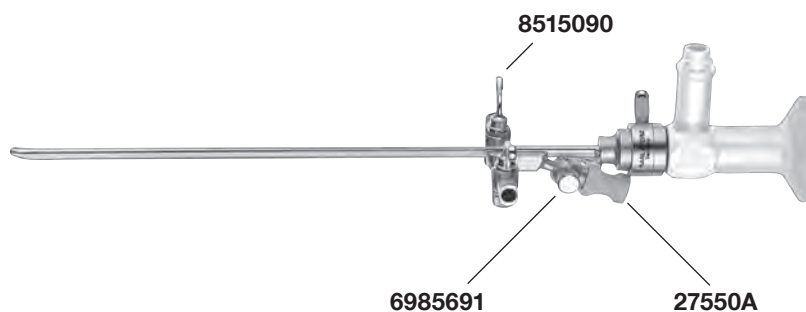
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                                |    |
|---------|--------------------------------|----|
| 27031EK | Cystoscope-Urethroscope Sheath | 48 |
| 27031FK | Cystoscope-Urethroscope Sheath | 48 |



### Spare Parts

**27550A-10**  
**Sealing Cap**, drill hole diameter 0.8 mm,  
package of 10

**6985691**  
**Spring Cap**

**8515090**  
**Stopcock**



# Cysto-Urethroscope

HOPKINS® Telescope, Cysto-Urethroscope Sheaths

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |  |    |
|---------|--|----|
| 27018AA | HOPKINS® Straight Forward Telescope 0° | 50 |
| 27018BA | HOPKINS® Forward-Oblique Telescope 30° | 50 |
| 27018CA | HOPKINS® Lateral Telescope 70°         | 50 |



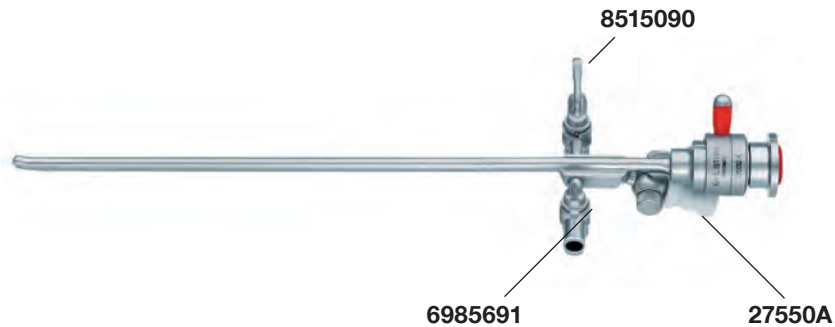
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                                |    |
|---------|--------------------------------|----|
| 27032KK | Cystoscope-Urethroscope Sheath | 51 |
| 27032LK | Cystoscope-Urethroscope Sheath | 51 |



### Spare Parts

**27550A-10**  
**Sealing Cap**, drill hole diameter 0.8 mm,  
package of 10

**6985691**  
**Spring Cap**

**8515090**  
**Stopcock**

# Cysto-Urethroscope

Cysto-Urethroscope Sheath

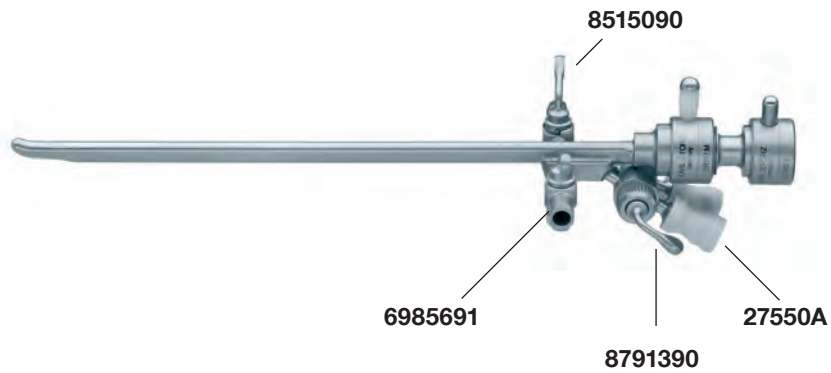
## Components / Spare Parts

Catalog page

27032MK

Cystoscope-Urethroscope Sheath

51



## Spare Parts

**27550A-10**  
**Sealing Cap**, drill hole diameter 0.8 mm,  
package of 10

**8791390**  
**Stopcock**  
(proximal)

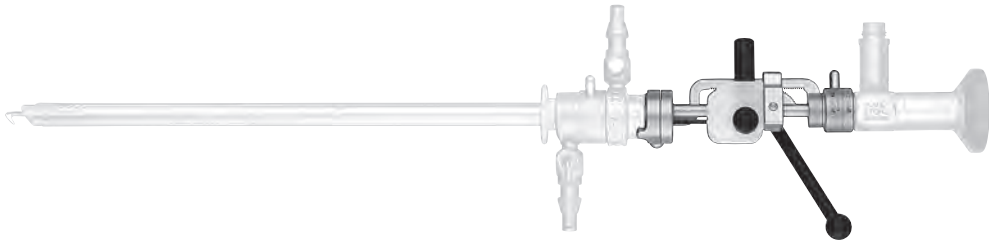
**8791290**  
**Knurled Cap**  
(proximal)

**6985691**  
**Spring Cap**

**8515090**  
**Stopcock**

# Working Elements, unipolar

| Components / Spare Parts |                 | Catalog page |
|--------------------------|-----------------|--------------|
| 27050E                   | Working Element | 57, 115      |
| 27050D                   | Working Element | 57, 75       |
| 27050C                   | Working Element | 58           |



## Spare Parts

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**6370590-10**  
Teflon Seal,  
package of 10

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**7068990**  
Rubber Cap

---

**27040TZ**  
Triangular Arbor

---

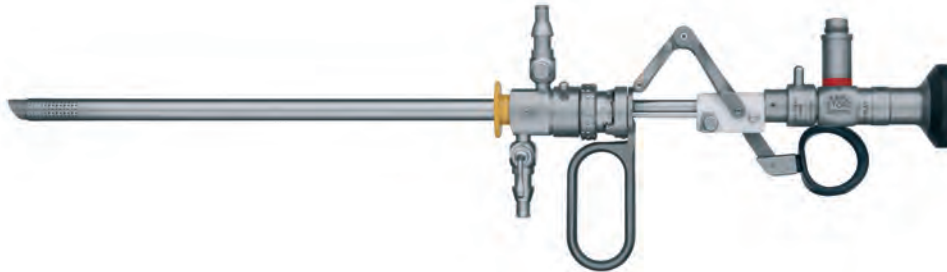
# Working Elements, bipolar

## Components / Spare Parts

## Catalog page

27040EB Working Element  
27040DB Working Element

62  
63, 77



## Spare Parts

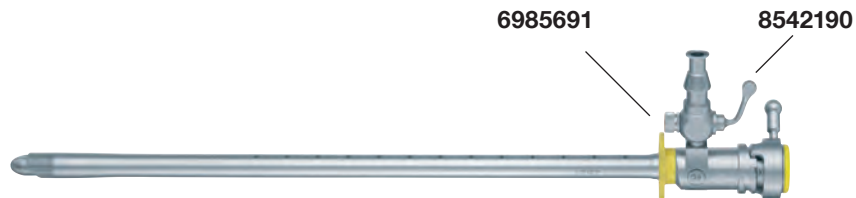
6345190-10  
Teflon Seal,  
package of 10

27040TZ  
Triangular Arbor

# Resectoscope Sheaths

with inflow tubes or in- and outflow tubes

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
| 27040AOK                 | Resectoscope Sheath, with LUER-Lock stopcock | 65           |
| 27040BOK                 | Resectoscope Sheath, with LUER-Lock stopcock | 65           |
| 27040AKK                 | Resectoscope Sheath, with LUER-Lock stopcock | 65           |
| 27040BKK                 | Resectoscope Sheath, with LUER-Lock stopcock | 65           |



## Spare Parts

8542190  
Stopcock

6985691  
Spring Cap

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27241AOK                 | Resectoscope Sheath, with central valve | 65           |
| 27241BOK                 | Resectoscope Sheath, with central valve | 65           |
| 27241BKK                 | Resectoscope Sheath, with central valve | 65           |



## Spare Parts

6648191  
Stopcock

6909895  
Knurled Ring

8897190  
Cone Ring

8897090  
Sealing Ring

# Resectoscope Sheaths

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
| 27040SLK                 | Resectoscope Sheath, with fixed inner sheath | 66, 105      |
| 27040SDK                 | Resectoscope Sheath, with fixed inner sheath | 66           |
| 27040SMK                 | Resectoscope Sheath, with fixed inner sheath | 66           |



## Spare Parts

|          |            |
|----------|------------|
| 8541890  | 6985691    |
| Stopcock | Spring Cap |

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27050SLK                 | Resectoscope Sheath, with rotating inner sheath | 67           |
| 27050SMK                 | Resectoscope Sheath, with rotating inner sheath | 67           |
| 27050SCK                 | Resectoscope Sheath, with rotating inner sheath | 68           |
| 27050SDK                 | Resectoscope Sheath, with rotating inner sheath | 68           |



## Spare Parts

|  |            |
|--|------------|
| 5917500-10   | 6985691    |
| O-Ring, silicone, inner diameter 11 mm,<br>package of 10 | Spring Cap |

|          |
|----------|
| 8541890  |
| Stopcock |

| Components / Spare Parts |                        | Catalog page |
|--------------------------|------------------------|--------------|
| 27040XA                  | Inner Sheath, fixed    | 66           |
| 27040XB                  | Inner Sheath, fixed    | 66           |
| 27050XA                  | Inner Sheath, rotating | 67           |
| 27050XB                  | Inner Sheath, rotating | 67           |



### Spare Parts

8541890  
Stopcock

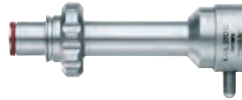
6985691  
Spring Cap

| Components / Spare Parts |                        | Catalog page |
|--------------------------|------------------------|--------------|
| 27050CA                  | Inner Sheath, rotating | 68           |
| 27050CB                  | Inner Sheath, rotating | 68           |

### Spare Part

5920800-10  
O-Ring, silicone, inner diameter 7 x 1 mm,  
package of 10

| Components / Spare Parts |         | Catalog page |
|--------------------------|---------|--------------|
| 27040SC                  | Adaptor | 69, 148      |
| 27050LC                  | Adaptor | 69           |
| 27050ALC                 | Adaptor | 69           |
| 27093SC                  | Adaptor | 24, 69       |



## Spare Part

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### 5920800-10

**O-Ring**, silicone, inner diameter 7 x 1 mm,  
package of 10

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| Components / Spare Parts |                                  | Catalog page |
|--------------------------|----------------------------------|--------------|
| 27051A                   | SCHMIEDT <b>Visual Obturator</b> | 71           |
| 27051B                   | SCHMIEDT <b>Visual Obturator</b> | 71           |
| PV27051B                 | SCHMIEDT <b>Visual Obturator</b> | 71           |



### Spare Parts

**27550A-10**  
**Sealing Cap**, drill hole diameter 0.8 mm,  
 package of 10

**6985691**  
**Spring Cap**

**8458190**  
**Stopcock**

# Resectoscope, MUNICH Model

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |   |       |
|---------|---|-------|
| 27005AA | HOPKINS® Straight Forward Telescope 0°, enlarged view | 3, 72 |
|---------|---|-------|



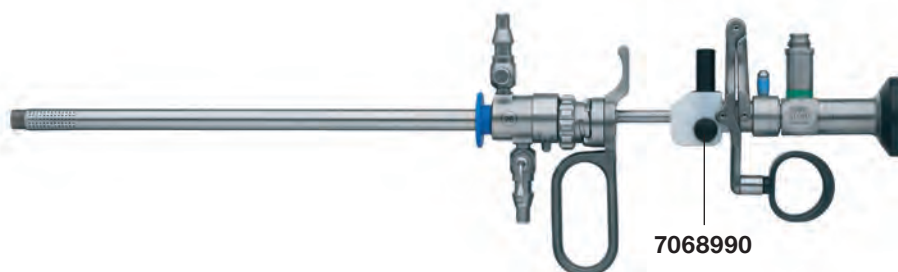
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|        |                 |    |
|--------|-----------------|----|
| 27053E | Working Element | 72 |
|--------|-----------------|----|



### Spare Parts

**6370590-10**  
**Teflon Seal**,  
package of 10

**7068990-10**  
**Rubber Cap**,  
package of 10

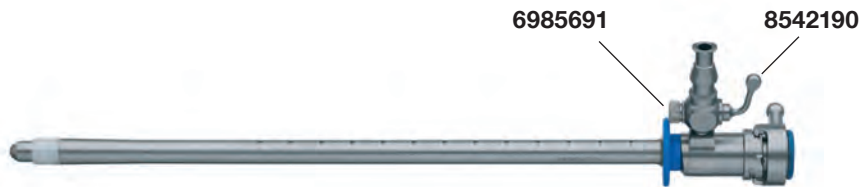
**27040TZ**  
**Triangular Arbor**

# Resectoscope, MUNICH Model

Resectoscope Sheaths

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |   |    |
|---------|---|----|
| 27042SL | Resectoscope Sheath, with rotating inner sheath | 73 |
| 27042BK | Resectoscope Sheath, with LUER-Lock stopcock    | 73 |



**Spare Parts**

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8542190  
Stopcock

---

6985691  
Spring Cap

---

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |   |    |
|----------|---|----|
| 27242BZK | Resectoscope Sheath, with central valve | 73 |
|----------|---|----|



**Spare Parts**

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6648191  
Stopcock

---

6909895  
Knurled Ring

---

8897190  
Cone Ring

---

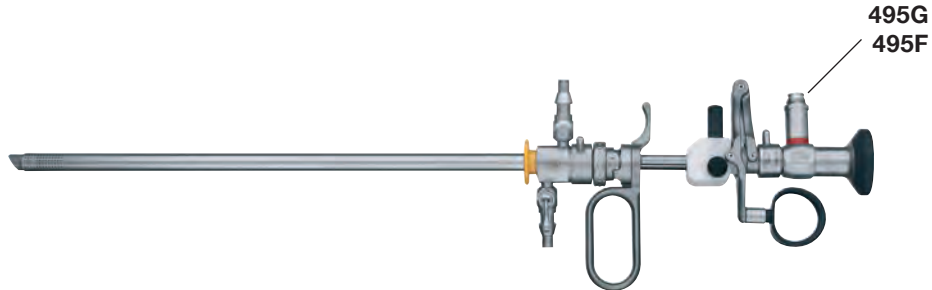
8897090  
Cone Ring

---

# Resectoscope, extra long, unipolar

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |  |                    |
|---------|--|--------------------|
| 27325BA | HOPKINS® Forward-Oblique Telescope 30° | 21, 74, 75, 76, 77 |
|---------|--|--------------------|



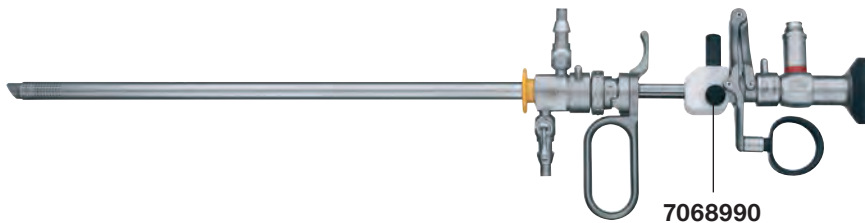
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                 |        |
|---------|-----------------|--------|
| 27050EP | Working Element | 74     |
| 27050DP | Working Element | 57, 75 |



### Spare Parts

**6370590-10**  
**Teflon Seal**,  
package of 10

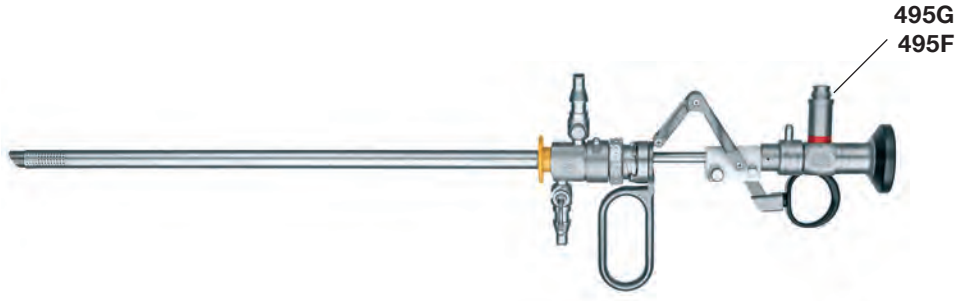
**7068990-10**  
**Rubber Cap**,  
package of 10

**27040TZ**  
**Triangular Arbor**

# Resectoscope, extra long, bipolar

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |  |                    |
|---------|--|--------------------|
| 27325BA | HOPKINS® Forward-Oblique Telescope 30° | 21, 74, 75, 76, 77 |
|---------|--|--------------------|



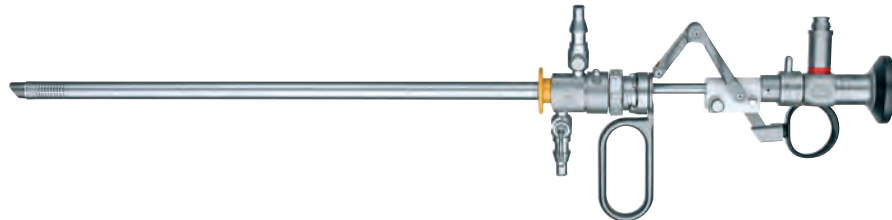
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                 |        |
|---------|-----------------|--------|
| 27040EO | Working Element | 76     |
| 27040DO | Working Element | 63, 77 |



### Spare Parts

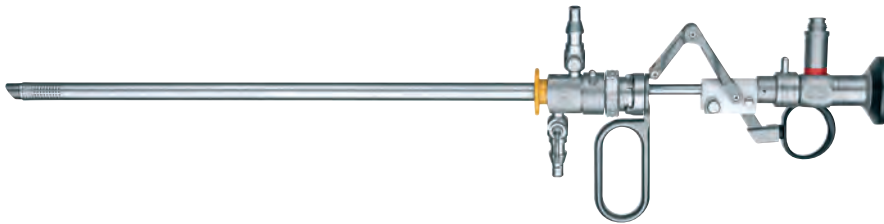
**6370590-10**  
**Teflon Seal**,  
package of 10

**27040TZ**  
**Triangular Arbor**

# Resectoscope, extra long, bipolar

Resectoscope Sheaths

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27051PLK                 | Resectoscope Sheath, with rotating inner sheath | 78           |
| 27040BP                  | Resectoscope Sheath, with LUER-Lock stopcock    | 78           |



## Spare Parts

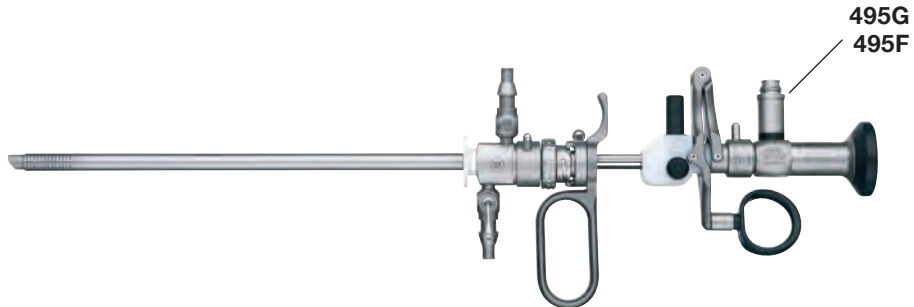
8542190  
Stopcock

6985691  
Spring Cap

# Resectoscope, slender, unipolar

|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|         |                                       |               |
|---------|---------------------------------------|---------------|
| 27020FA | HOPKINS® Telescope 12°, enlarged view | 6, 33, 79, 80 |
|---------|---------------------------------------|---------------|



**Spare Parts**

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**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

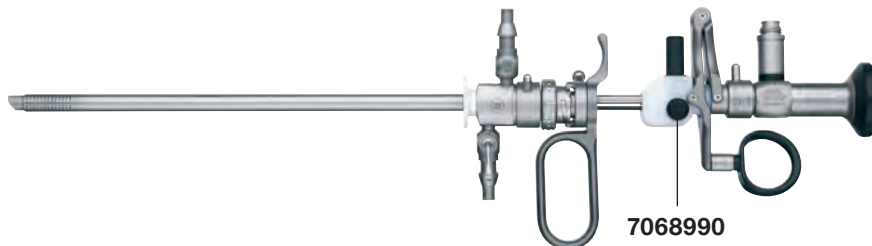
---

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

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|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|        |                 |    |
|--------|-----------------|----|
| 27054E | Working Element | 79 |
|--------|-----------------|----|



**Spare Parts**

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**6370590-10**  
**Teflon Seal**,  
package of 10

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**7068990-10**  
**Rubber Cap**,  
package of 10

---

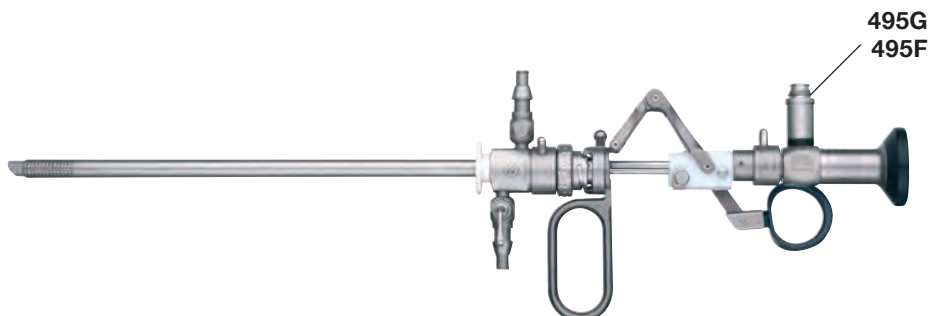
**27040TZ**  
**Triangular Arbor**

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# Resectoscope, slender, bipolar

|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|         |                                       |               |
|---------|---------------------------------------|---------------|
| 27020FA | HOPKINS® Telescope 12°, enlarged view | 6, 33, 79, 80 |
|---------|---------------------------------------|---------------|



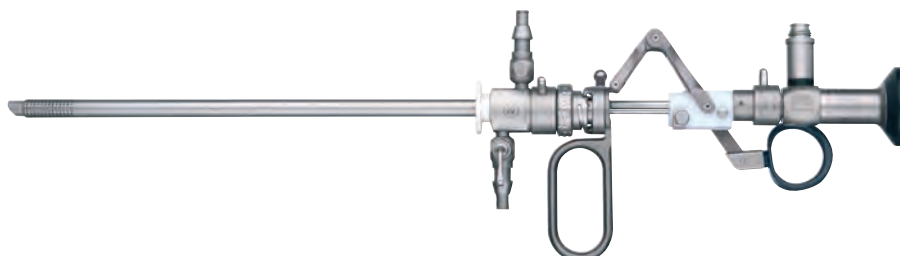
**Spare Parts**

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|         |                 |    |
|---------|-----------------|----|
| 27054EB | Working Element | 80 |
|---------|-----------------|----|



**Spare Parts**

**6370590-10**  
**Teflon Seal**,  
package of 10

**27040TZ**  
**Triangular Arbor**

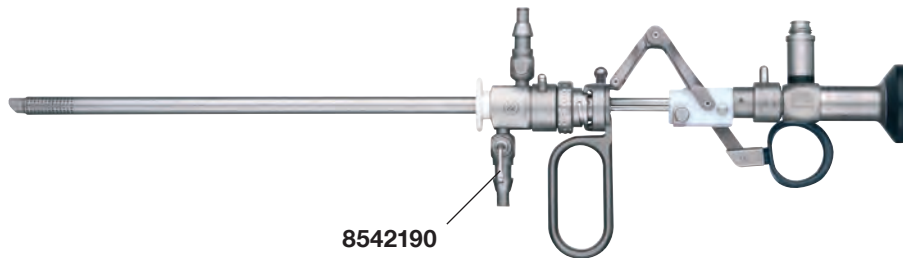


# Resectoscope, slender, bipolar

Resectoscope Sheaths

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |   |    |
|----------|---|----|
| 27054SLK | Resectoscope Sheath, with fixed inner sheath    | 81 |
| 27054SCK | Resectoscope Sheath, with rotating inner sheath | 82 |



### Spare Parts

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8542190  
Stopcock

6985691  
Spring Cap

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| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                        |    |
|---------|------------------------|----|
| 27054CB | Inner Sheath, rotating | 82 |
|---------|------------------------|----|

### Spare Part

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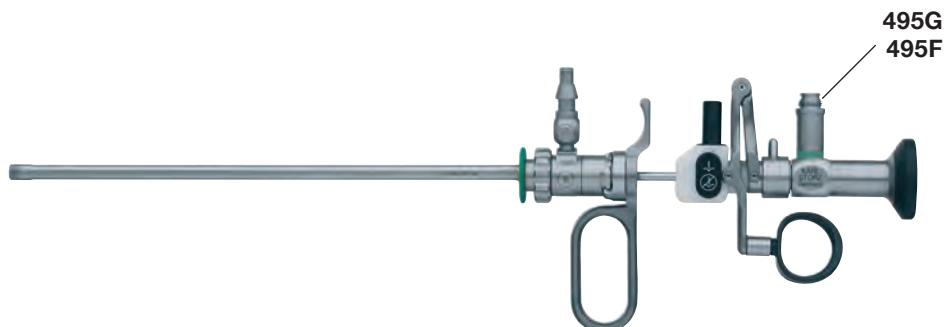
5920800-10  
O-Ring, silicone, inner diameter 7 x 1 mm,  
package of 10

---

# Resectoscope, extra slender, unipolar

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |  |           |
|---------|--|-----------|
| 27020AA | HOPKINS® Straight Forward Telescope 0° | 6, 33, 83 |
|---------|--|-----------|



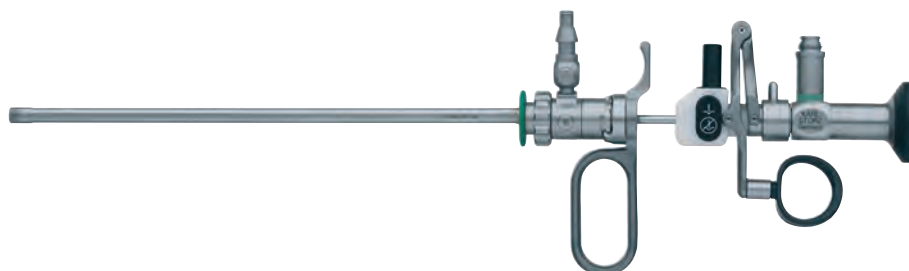
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|        |                 |                   |
|--------|-----------------|-------------------|
| 27033E | Working Element | 83, 89 , 116, 118 |
|--------|-----------------|-------------------|



### Spare Parts

**9466390-10**  
**Teflon Seal**,  
package of 10

**9466590-10**  
**Cone Ring**,  
package of 10

# Resectoscope, extra slender, unipolar

Resectoscope Sheath

## Components / Spare Parts

Catalog page

27046RK

Resectoscope Sheath, with rotating LUER-Lock stopcock

84



## Spare Parts

7975991

Connector, rotating

5914200-10

O-Ring, package of 10

8027291

Fixation Ring

8541890

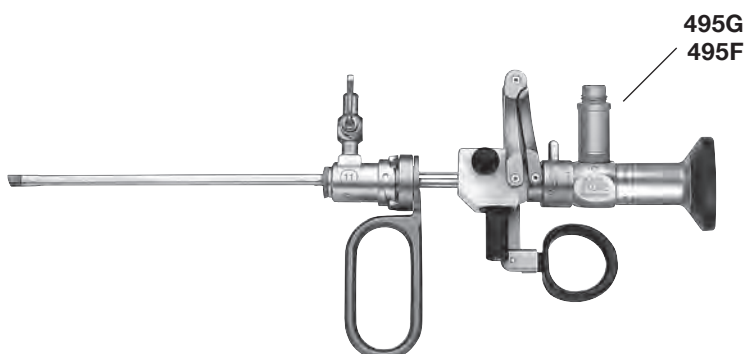
Stopcock

6985691

Spring Cap

# Resectoscope, small, unipolar

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27018AA                  | HOPKINS® Straight Forward Telescope 0°  | 50, 85       |
| 27017AA                  | HOPKINS® Straight Forward Telescope 0°  | 48, 87       |
| 27033AA                  | Miniature Straight Forward Telescope 0° | 46, 89       |

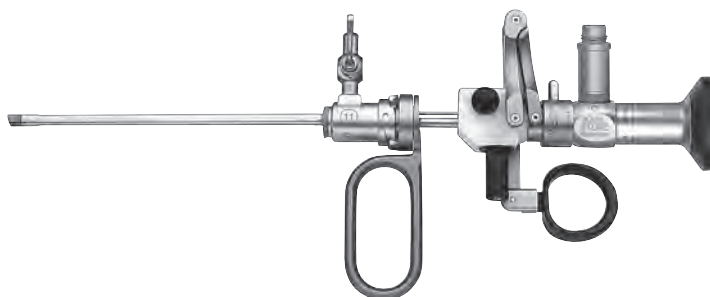


## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |                 | Catalog page     |
|--------------------------|-----------------|------------------|
| 27145E                   | Working Element | 85, 87, 117, 182 |
| 27033E                   | Working Element | 83, 89, 116, 118 |



## Spare Parts

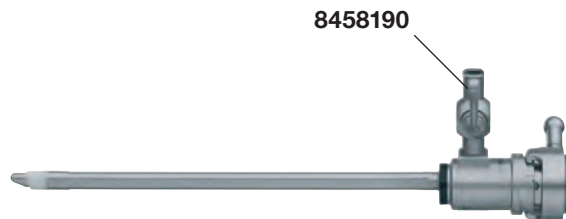
**6345190-10**  
**Teflon Seal**,  
package of 10

**7068990-10**  
**Rubber Cap**,  
package of 10

# Resectoscope, small, unipolar

Resectoscope Sheaths, REUTER Trocar

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
| <b>27047CK</b>           | <b>Resectoscope Sheath, with rotating LUER-Lock stopcock</b> | <b>86</b>    |
| <b>27047EK</b>           | <b>Resectoscope Sheath, with LUER-Lock stopcock</b>          | <b>88</b>    |
| <b>27033RK</b>           | <b>Resectoscope Sheath, with LUER-Lock stopcock</b>          | <b>90</b>    |



## Spare Parts

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**

for use with 27033RK

**27550A-10**  
**Sealing Cap, drill hole diameter 0.8 mm,**  
package of 10

| Components / Spare Parts |                      | Catalog page |
|--------------------------|----------------------|--------------|
| <b>27105K</b>            | <b>REUTER Trocar</b> | <b>92</b>    |



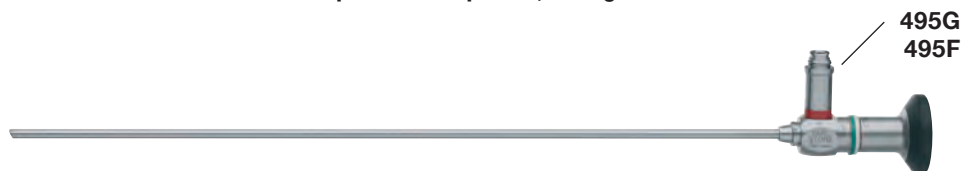
## Spare Part

**6127590-10**  
**Sealing Cap, (50/4),**  
package of 10

# Continuous-Flow LASER Cystoscope

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |  |            |
|----------|--|------------|
| 27005BGA | Greenlight Filter HOPKINS®<br>Forward-Oblique Telescope 30°, enlarged view | 5, 99, 101 |
|----------|--|------------|



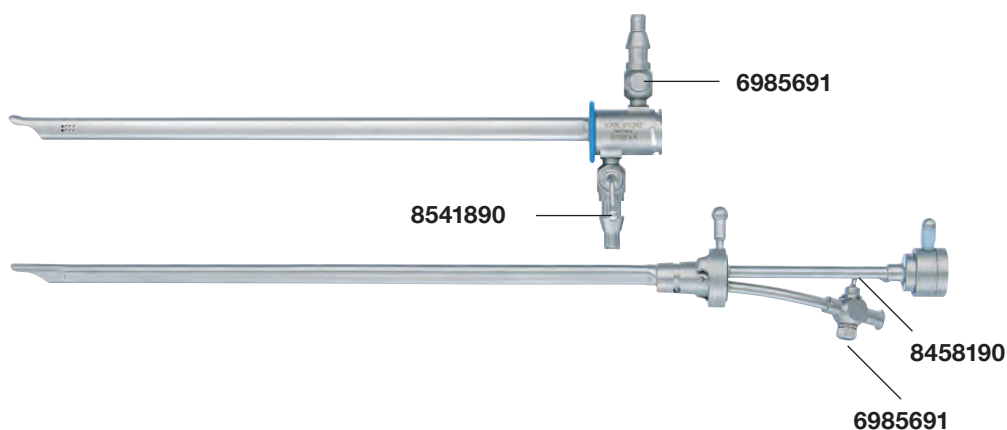
## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |                                     |     |
|----------|-------------------------------------|-----|
| 27026VA  | Outer Sheath                        | 101 |
| 27026VI  | Inner Sheath                        | 101 |
| 27026VIL | Inner Sheath, for left-handed users | 101 |



## Spare Parts

**8541890**  
**Stopcock**, for 27026VA

**6985691**  
**Spring Cap**, for 27026VA

**8458190**  
**Stopcock**, for 27026VI and 27026VIL

**6985691**  
**Spring Cap**, for 27026VI and 27026VIL

# LASER Working Element

for vaporization

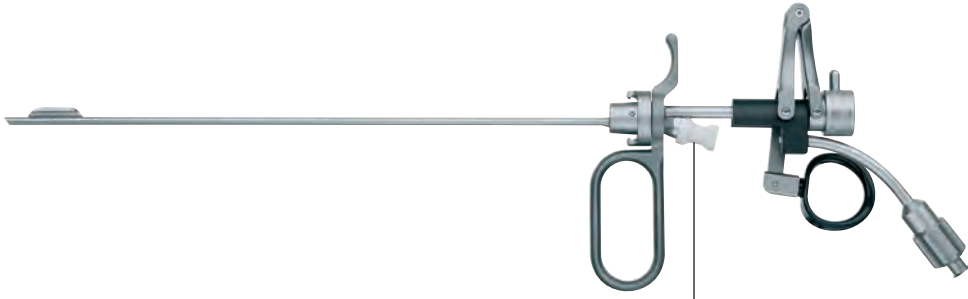
## Components / Spare Parts

Catalog page

27042V

LASER Working Element for Vaporization

102



## Spare Parts

7072390

7072390-10

**Sealing Cap**, drill hole diameter 1.8 mm,  
package of 10

7848591

**Screw Nut**

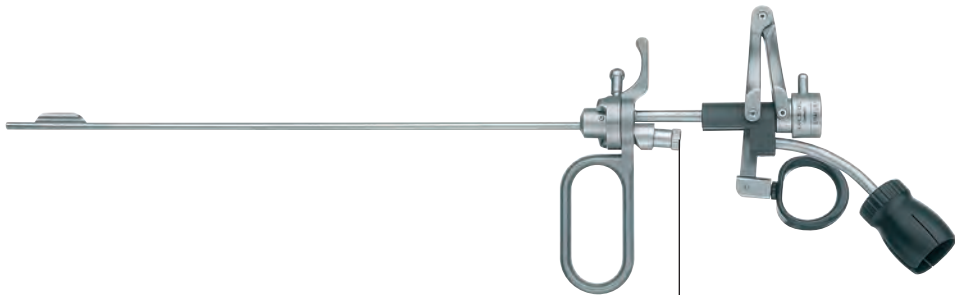
## Components / Spare Parts

Catalog page

27042LV

LASER Working Element for Vaporization

102



## Spare Part

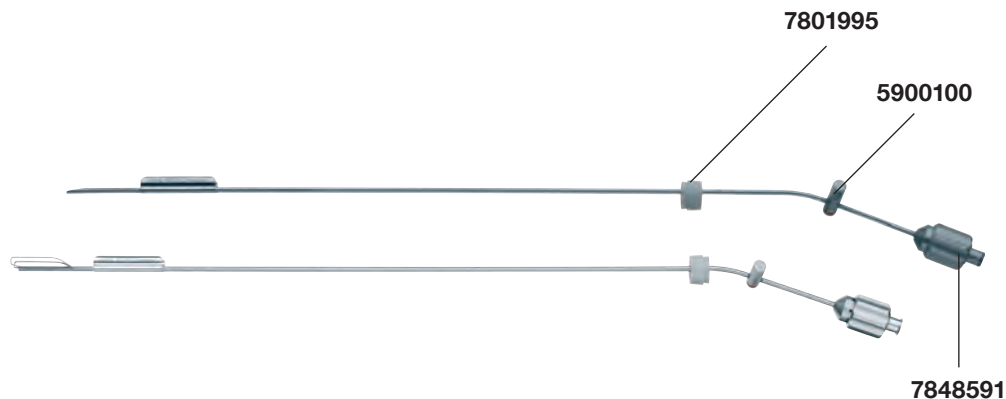
7072390

7072390-10

**Sealing Cap**, drill hole diameter 1.8 mm,  
package of 10

# LASER Guide Probes, exchangeable

| Components / Spare Parts |  | Katalogseite |
|--------------------------|--|--------------|
| 27056EA                  | LASER Guide Probe                        | 103          |
| 27056EB                  | LASER Guide Probe                        | 103          |
| 27056EC                  | LASER Guide Probe, with retracting beaks | 103          |
| 27056ED                  | LASER Guide Probe, with retracting beaks | 103          |



## Spare Parts

**7801995-10**  
Seal, package of 10

**7848591**  
Screw Nut

**5900100**  
O-Ring



# Working Elements and Working Insert

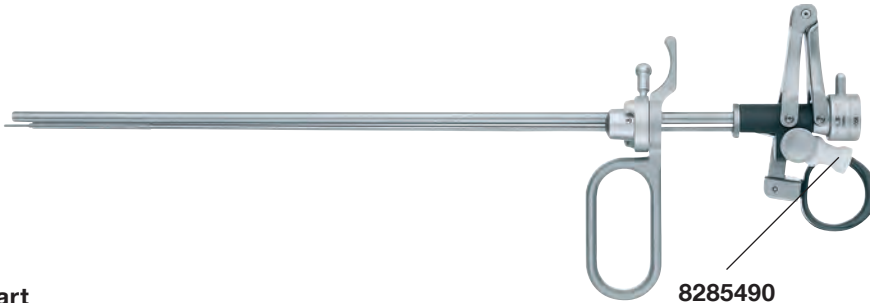
for enucleation of the prostate

## Components / Spare Parts

## Catalog page

27056LA KUNTZ Working Element  
27056LB KUNTZ Working Element

104  
104



### Spare Part

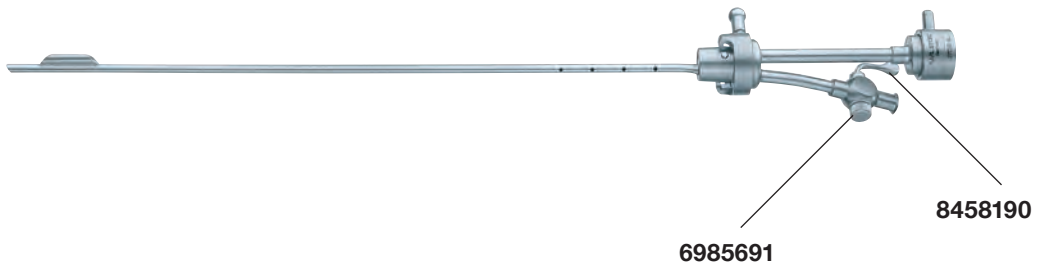
8285490  
Sealing Cap

## Components / Spare Parts

## Catalog page

27050VL LASER Catheter Deflecting Mechanism

104



### Spare Parts

8458190  
Stopcock

6985691  
Spring Cap

27550C-10  
Sealing Cap, drill hole diameter 1.2 mm,  
package of 10

| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|                     |   |            |
|---------------------|---|------------|
| <b>27040XAL</b>     | <b>Inner Sheath</b> , with guiding device for laser probes    | <b>105</b> |
| <b>PV27040XAL-1</b> | <b>Inner Sheath</b> , without guiding device for laser probes | <b>105</b> |



**Spare Parts**

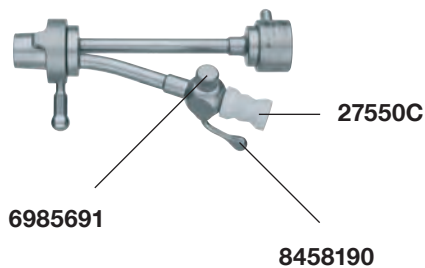
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|                            |                              |
|----------------------------|------------------------------|
| <b>8458190</b><br>Stopcock | <b>6985691</b><br>Spring Cap |
|----------------------------|------------------------------|

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| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|                |                         |                 |
|----------------|-------------------------|-----------------|
| <b>27068CD</b> | <b>Telescope Bridge</b> | <b>105, 114</b> |
|----------------|-------------------------|-----------------|



**Spare Parts**

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|                            |                              |
|----------------------------|------------------------------|
| <b>8458190</b><br>Stopcock | <b>6985691</b><br>Spring Cap |
|----------------------------|------------------------------|

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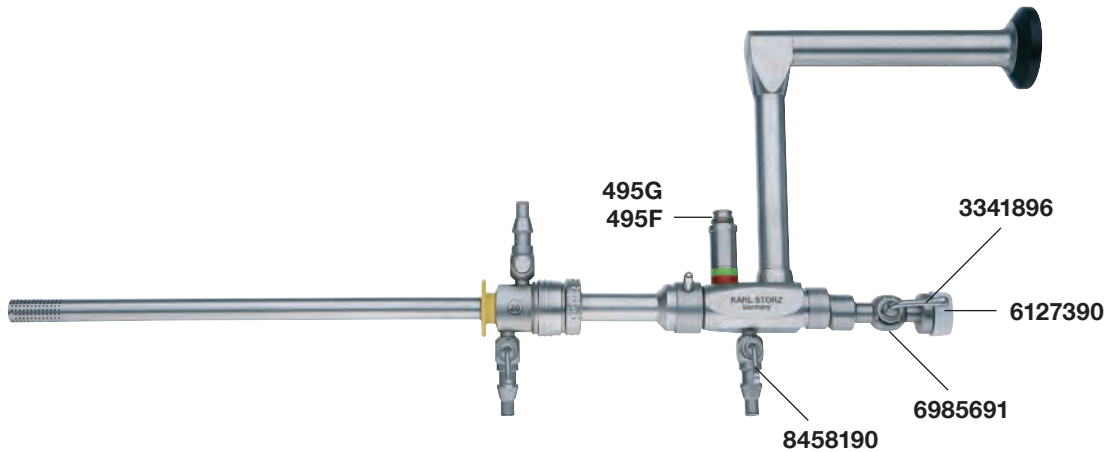
**27550C-10**  
**Sealing Cap**, drill hole diameter 1.2 mm,  
 package of 10

---

# Morcellator System for Urology

Telescopes

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27292AMA                 | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 109, 147     |
| 27293AA                  | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 109, 147     |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

### 8458190

**Stopcock**

### 6985691

**Spring Cap**

### 3341896

**Stopcock**

### 3341996

**Spring Cap**

### 6127390-10

**Sealing Cap**, (50/2.6),  
package of 10

# HOPKINS® Telescopes for Photodynamic Diagnosis (PDD)

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27005AIA                 | HOPKINS® Straight Forward Telescope 0°, enlarged view | 4, 110       |
| 27005FIA                 | HOPKINS® Telescope 12°, enlarged view                 | 4, 110       |
| 27005BIA                 | HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 4, 110       |
| 27005CIA                 | HOPKINS® Lateral Telescope 70°, enlarged view         | 4, 110       |



## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |   |       |
|---------|---|-------|
| 27005AA | HOPKINS® Straight Forward Telescope 0°, enlarged view | 3, 72 |
|---------|---|-------|



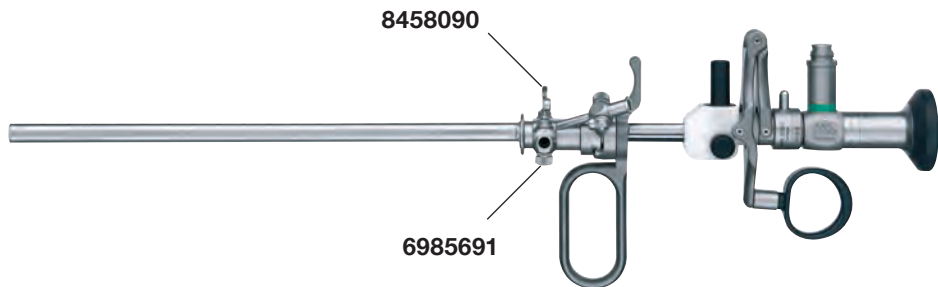
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus  
 Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                           |     |
|---------|---------------------------|-----|
| 27068DK | SACHSE Urethrotome Sheath | 114 |
|---------|---------------------------|-----|



### Spare Parts

**8458090**  
**Stopcock** (working channel)

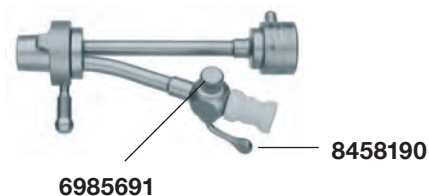
**6985691**  
**Spring Cap**

**8458190**  
**Stopcock** (LEUR)

**27550N-10**  
**Seal**, package of 10

| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|         |                  |          |
|---------|------------------|----------|
| 27068CD | Telescope Bridge | 105, 114 |
|---------|------------------|----------|



**Spare Parts**

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**8458190**  
Stopcock

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**6985691**  
Spring Cap

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**27550C-10**  
**Sealing Cap**, drill hole diameter 1.2 mm,  
package of 10

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| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|         |                      |     |
|---------|----------------------|-----|
| 27068SK | Supplementary Sheath | 114 |
|---------|----------------------|-----|



**Spare Parts**

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**8458190**  
Stopcock

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**6985691**  
Spring Cap

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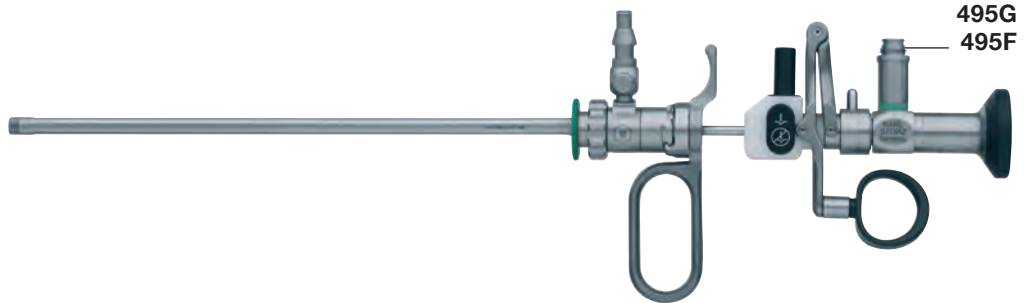
**6127790-10**  
**Sealing Cap**, (50/6),  
package of 10

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# Optical Urethrotomes

|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|         |  |           |
|---------|--|-----------|
| 27020AA | HOPKINS® Straight Forward Telescope 0° | 6, 33, 83 |
|---------|--|-----------|



**Spare Parts**

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**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

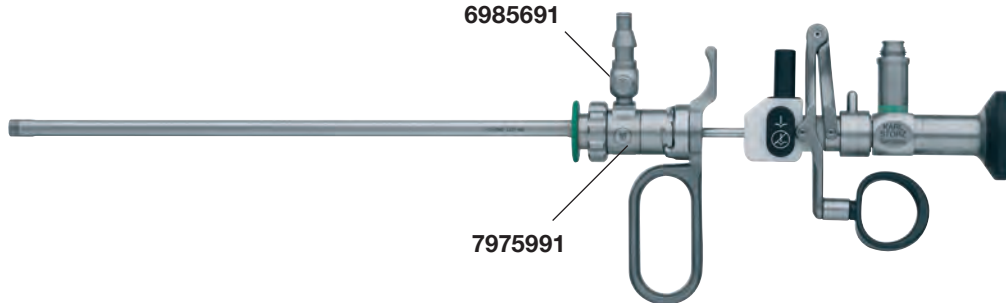
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**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

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|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|         |                    |     |
|---------|--------------------|-----|
| 27046UK | Urethrotome Sheath | 116 |
|---------|--------------------|-----|



**Spare Parts**

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**8458190**  
**Stopcock**

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**6985691**  
**Spring Cap**

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**8027291**  
**Fixation Ring**

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**5914200-10**  
**O-Ring**, package of 10

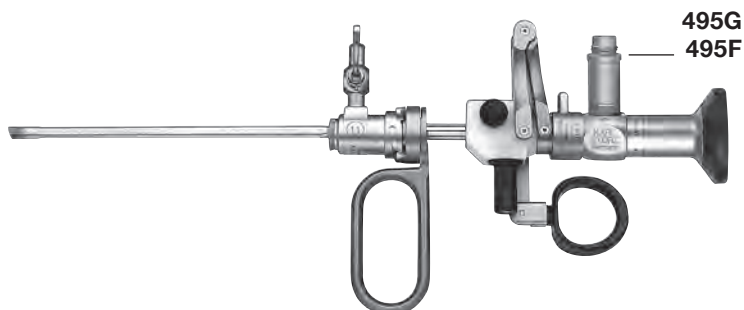
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**7975991**  
**Connector**, rotating

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| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|                |   |               |
|----------------|---|---------------|
| <b>27017AA</b> | <b>HOPKINS® Straight Forward Telescope 0°</b> | <b>48, 87</b> |
|----------------|---|---------------|



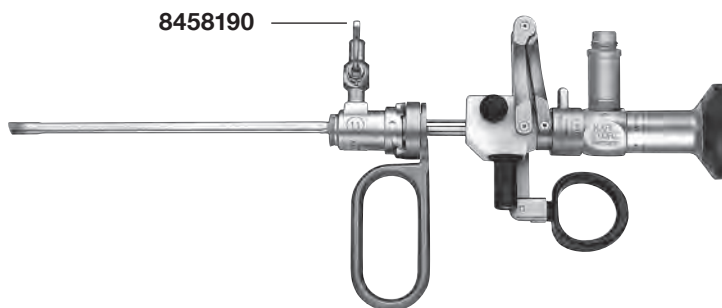
**Spare Parts**

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus  
 Corporation

| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|                |                           |            |
|----------------|---------------------------|------------|
| <b>27047BK</b> | <b>Urethrotome Sheath</b> | <b>117</b> |
|----------------|---------------------------|------------|



**Spare Parts**

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**



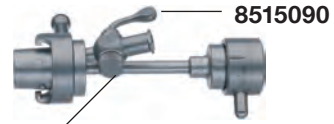
**Components / Spare Parts**

**Catalog page**

27047F

Telescope Bridge

117



6985691

**Spare Parts**

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**8515090**  
**Stopcock**

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**6985691**  
**Spring Cap**

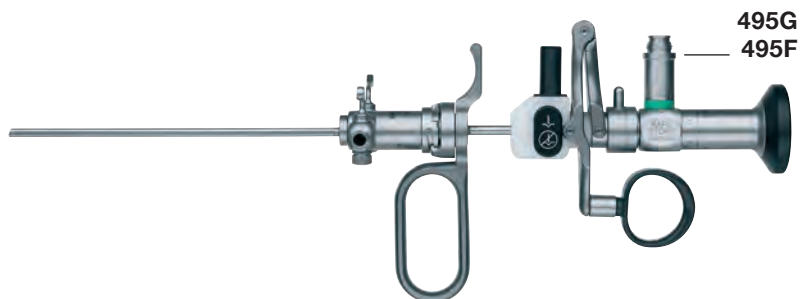
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**27550A-10**  
**Sealing Cap**, drill hole diameter 0.8 mm,  
package of 10

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| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |   |        |
|---------|---|--------|
| 27033AA | Miniature Straight Forward Telescope 0° | 46, 89 |
|---------|---|--------|



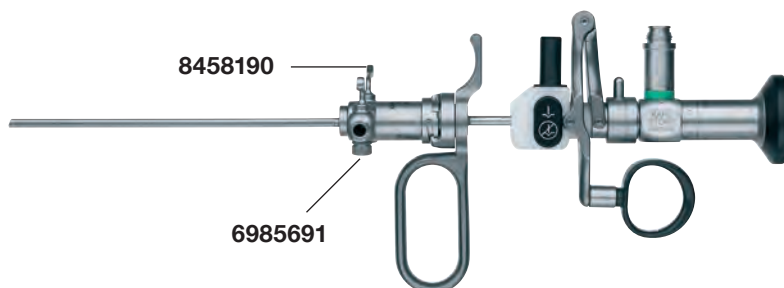
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus  
 Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                    |     |
|---------|--------------------|-----|
| 27033UK | Urethrotome Sheath | 118 |
|---------|--------------------|-----|



### Spare Parts

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**

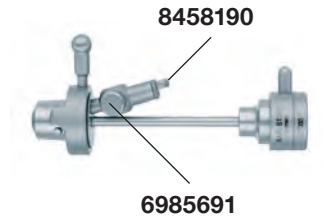
**Components / Spare Parts**

**Catalog page**

27033F

Telescope Bridge

118



**Spare Parts**

8458190  
Stopcock

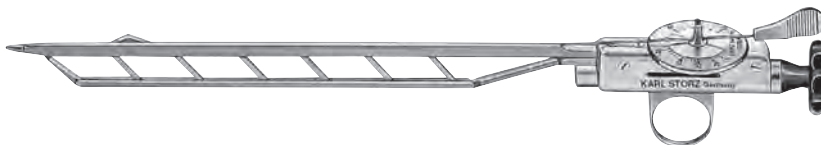
6985691  
Spring Cap

27550A-10  
Sealing Cap, drill hole diameter 0.8 mm,  
package of 10

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                             |     |
|---------|-----------------------------|-----|
| 27578AK | OTIS-MAUERMAYER Urethrotome | 119 |
|---------|-----------------------------|-----|

27578AX



**Spare Part**

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27578AX  
Unscrewable Tip

---

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |         |     |
|---------|---------|-----|
| 27074SZ | Adaptor | 131 |
|---------|---------|-----|

**Spare Parts**

---

8458190  
Stopcock

---

6985691  
Spring Cap

---

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |         |     |
|---------|---------|-----|
| 27074SC | Adaptor | 131 |
|---------|---------|-----|

**Spare Part**

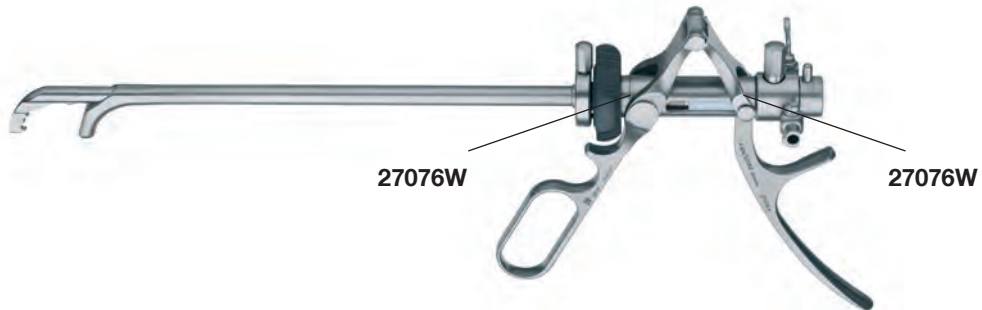
---

5920800-10  
O-Ring, inner diameter 7 x 1 mm,  
package of 10

---

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |            |     |
|---------|------------|-----|
| 27076AK | Lithotrite | 132 |
|---------|------------|-----|



### Spare Parts

**8458190**  
Stopcock

**6985691**  
Spring Cap

**27076T**  
Test Block

**27076V**  
Fixation Screw, for outer sheath

**27076W**  
Fixation Screw, for inner sheath

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |              |     |
|----------|--------------|-----|
| 27077BZK | Punch Sheath | 133 |
|----------|--------------|-----|



**Spare Parts**

---

8897190  
Cone Ring

---

6648191  
Stopcock

---

8897090  
Sealing Ring

---

6909895  
Knurled Ring

---

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|        |               |     |
|--------|---------------|-----|
| 27077G | Sheath Insert | 133 |
|--------|---------------|-----|



**Spare Parts**

---

8458190  
Stopcock

---

6985691  
Spring Cap

---

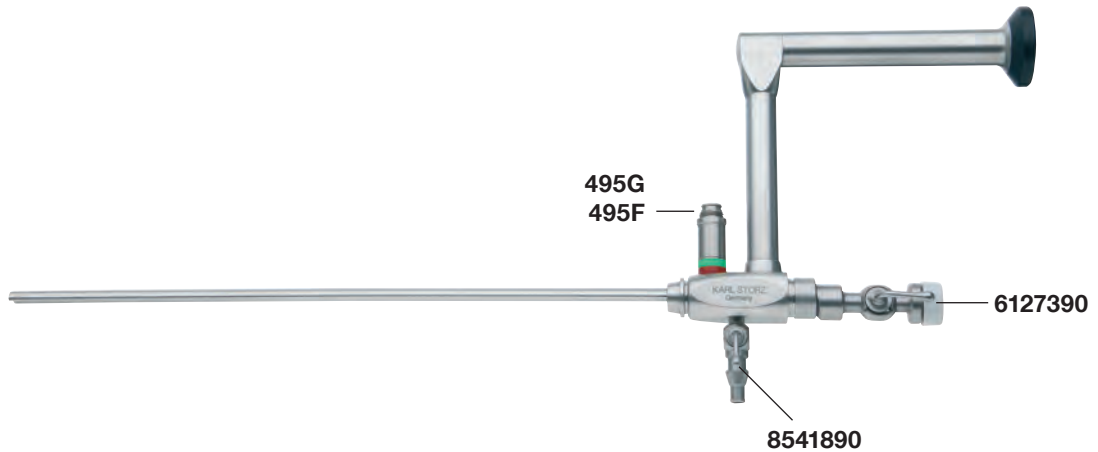
27550C-10  
Sealing Cap, drill hole diameter 1.2 mm,  
package of 10

---

# Percutaneous Nephroscopes

with continuous irrigation and suction

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27292AMA                 | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 109, 147     |
| 27293AA                  | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 109, 147     |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

### 8541890

**Stopcock**

### 6985691

**Spring Cap**

### 3341896

**Stopcock**

### 3341996

**Spring Cap**

### 6127390

**Sealing Cap**, (50/2.6)

# Percutaneous Nephroscopes

Operating Sheaths, Adaptors

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                  |     |
|---------|------------------|-----|
| 27293BD | Operating Sheath | 148 |
| 27293CD | Operating Sheath | 148 |



### Spare Parts

8541890  
Stopcock

6985691  
Spring Cap

5914200  
O-Ring

7486091  
Connector, rotating

8269091  
Fixation Ring, for 27293BD

8269191  
Fixation Ring, for 27293CD

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |         |               |
|---------|---------|---------------|
| 27093GM | Adaptor | 148, 150, 155 |
| 27040SC | Adaptor | 69, 109, 148  |



### Spare Parts

for use with 27093GM

for use with 27040SC

6127690-10  
Sealing Cap, (50/5),  
package of 10

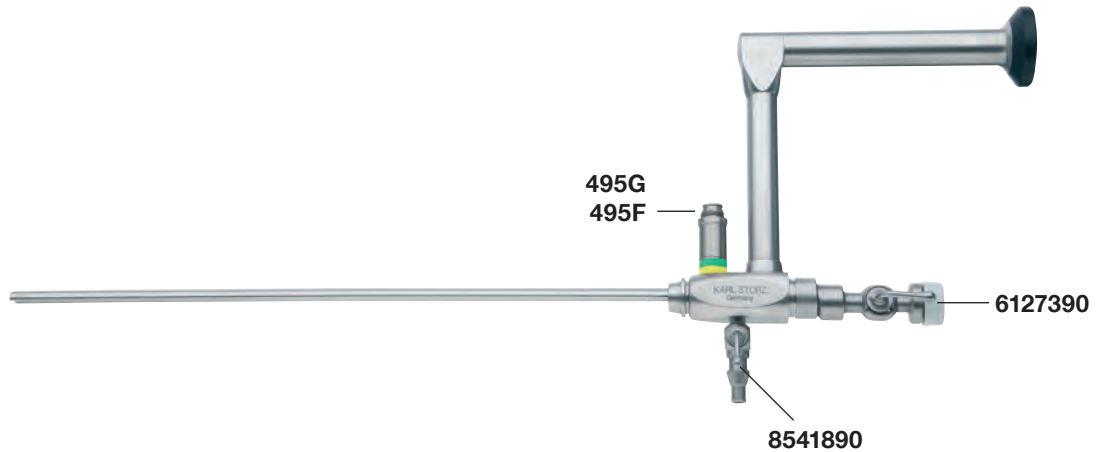
5920800-10  
O-Ring, inner diameter 7 x 1 mm,  
package of 10



# Percutaneous Nephroscopes

with continuous irrigation and suction

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27092AMA                 | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 149          |
| 27093AA                  | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 149          |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

### 8541890

**Stopcock**

### 6985691

**Spring Cap**

### 3341896

**Stopcock**

### 3341996

**Spring Cap**

### 6127390-10

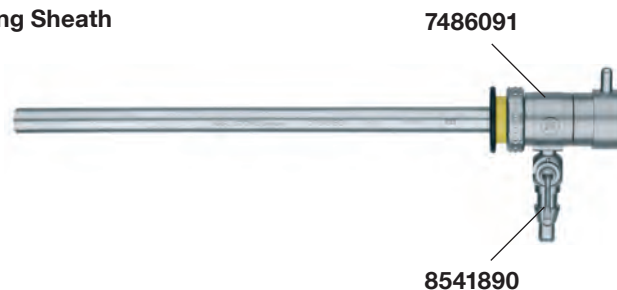
**Sealing Cap**, (50/2.6),  
package of 10

# Percutaneous Nephroscopes

Operating Sheaths, Adaptors

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                  |     |
|---------|------------------|-----|
| 27093BD | Operating Sheath | 150 |
| 27093CD | Operating Sheath | 150 |



## Spare Parts

8541890  
Stopcock

6985691  
Spring Cap

5914200  
O-Ring

7486091  
Connector, rotating

8268991  
Fixation Ring, for 27093BD

8269291  
Fixation Ring, for 27093CD

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |         |               |
|---------|---------|---------------|
| 27093GM | Adaptor | 148, 150, 155 |
|---------|---------|---------------|

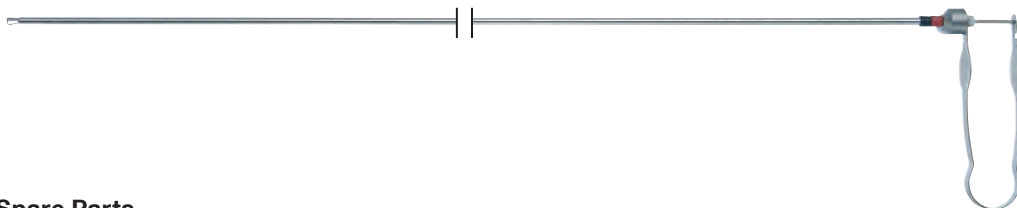


## Spare Part

6127690-10  
Sealing Cap, (50/5)

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                           |          |
|---------|---------------------------|----------|
| 27290F  | Forceps                   | 151, 164 |
| 27290FA | Forcep Insert, for 27290F |          |
| 27290H  | Forceps                   | 151, 164 |
| 27290HA | Forcep Insert, for 27290H |          |

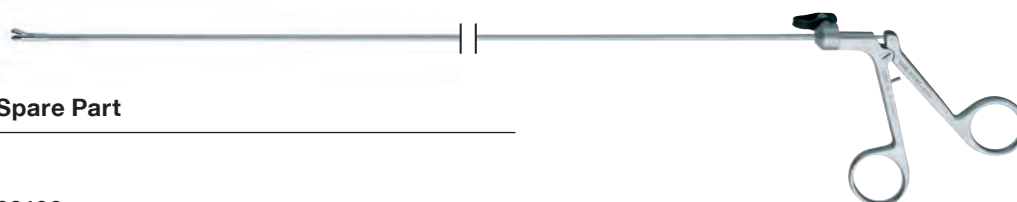


**Spare Parts**

|       |                                      |
|-------|--------------------------------------|
| 29100 | 5905098-10                           |
| Plug  | Sealing Cap, small,<br>package of 10 |

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                |               |
|---------|----------------|---------------|
| 27290K  | Forceps        | 151, 156, 164 |
| 27290DL | Biopsy Forceps | 151           |
| 27290M  | Forceps        | 151, 156, 164 |
| 27290SA | Scissors       | 151, 156      |

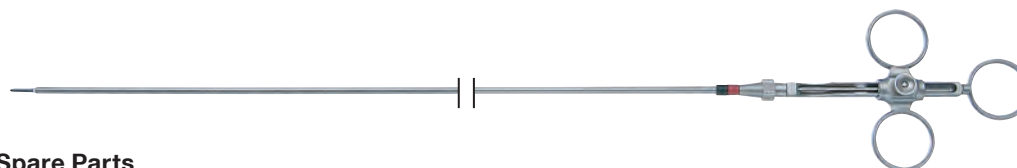


**Spare Part**

|       |
|-------|
| 29100 |
| Plug  |

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                      |               |
|---------|----------------------|---------------|
| 27294S  | Knife, straight      | 152, 157, 164 |
| 27294SH | Knife, sickle-shaped | 152, 157, 164 |



**Spare Parts**

|         |         |
|---------|---------|
| 6252691 | 5900200 |
| Handle  | O-Ring  |

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                    |     |
|---------|--------------------|-----|
| 27290LL | LASER Suction Tube | 152 |
|---------|--------------------|-----|



### Spare Parts

8541890  
Stopcock

6985691  
Spring Cap

5917400  
O-Ring

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                                 |     |
|---------|---------------------------------|-----|
| 26284HM | TAKE-APART® Bipolar Ring Handle | 153 |
|---------|---------------------------------|-----|



### Spare Parts

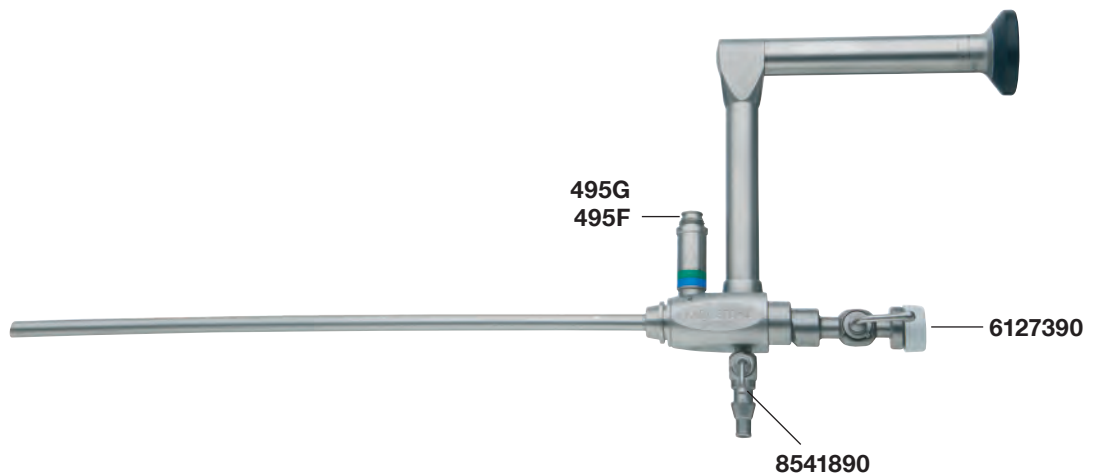
6011590  
Plug

7072390-10  
Sealing Cap, diameter 1.8 mm,  
package of 10

# Percutaneous Nephroscopes, “Slender” Model

with continuous irrigation and suction

| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 27294AA                  | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 154          |
| 27295AA                  | HOPKINS® Wide-Angle Straight Forward Telescope 6° | 154          |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

### 8541890 Stopcock

### 6985691 Spring Cap

### 3341896 Stopcock

### 3341996 Spring Cap

### 6127390-10 Sealing Cap, (50/2.6), package of 10

# Percutaneous Nephroscopes, "Slender" Model

Operating Sheaths, Adaptors

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|        |                  |     |
|--------|------------------|-----|
| 27294B | Operating Sheath | 155 |
|--------|------------------|-----|



### Spare Parts

8541890  
Stopcock

6985691  
Spring Cap

5914200-10  
O-Ring, package of 10

7485991  
Connector, rotating

8269391  
Fixation Ring

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |         |               |
|---------|---------|---------------|
| 27093GM | Adaptor | 148, 150, 155 |
|---------|---------|---------------|



6127690

### Spare Part

6127690-10  
Sealing Cap, (50/5),  
package of 10

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |          |          |
|---------|----------|----------|
| 27290K  | Forceps  | 156, 164 |
| 27290M  | Forceps  | 156, 164 |
| 27290SA | Scissors | 151, 156 |



**Spare Part**

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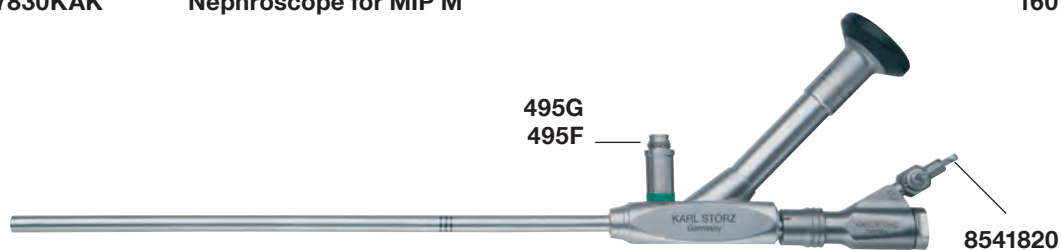
29100  
Plug

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# MIP – Percutaneous Nephroscopes

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |                       |     |
|----------|-----------------------|-----|
| 27840KAK | Nephroscope for MIP L | 158 |
| 27830KAK | Nephroscope for MIP M | 160 |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

### 8541820

**Stopcock**

### 6985691

**Spring Cap**

### 30160XA

**Silicone Leaflet Washer**,  
package of 10

### 3375099-10

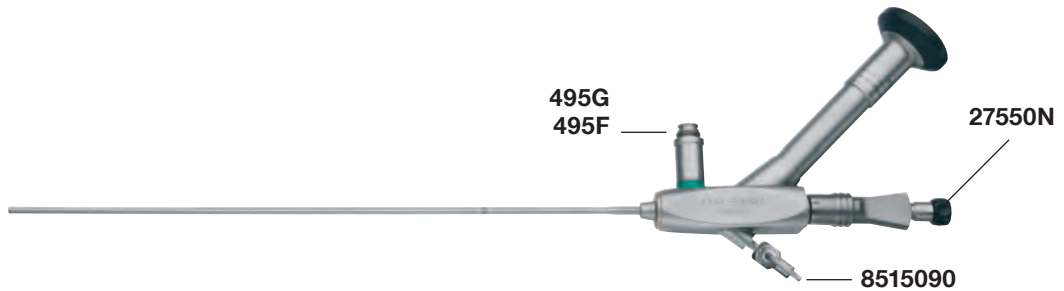
**Seal**,  
package of 10



# MIP – Percutaneous Nephroscopes

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|          |                            |     |
|----------|----------------------------|-----|
| 27820KAK | Nephroscope for MIP XS / S | 162 |
|----------|----------------------------|-----|



## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

**8515090**  
**Stopcock**

**6985691**  
**Spring Cap**

**27550N**  
**Seal**

# Optional Products

for MIP L/M

| Components / Spare Parts |                                  | Catalog page |
|--------------------------|----------------------------------|--------------|
| 27830FK                  | Forceps for Foreign Body Removal | 165          |
| 27830FL                  | Biopsy Forceps                   | 165          |
| 27830S                   | Scissors                         | 165          |



## Spare Parts

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**5963402**  
Knurled Screw

**5905098-10**  
Sealing Cap, package of 10

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# Optional Products

for MIP L/M

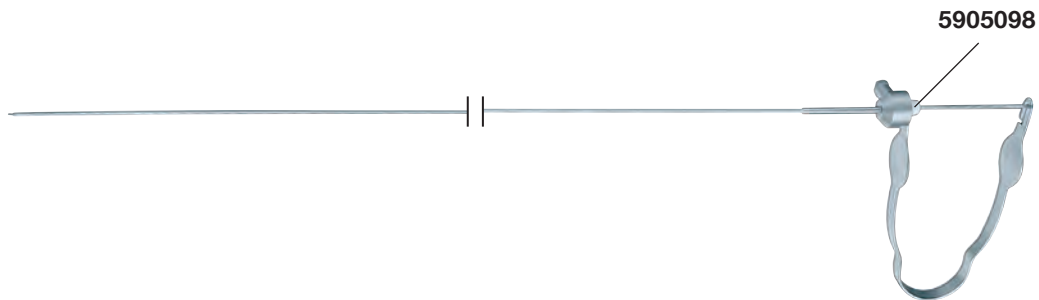
## Components / Spare Parts

Catalog page

27830H

Forceps

165



## Spare Part

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5905098-10

Sealing Cap, package of 10

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# Uretero-Renoscopes, Ureteroscopes

rigid

| Components / Spare Parts |                               | Catalog page |
|--------------------------|-------------------------------|--------------|
| 27000LK                  | Uretero-Renoscope, Set        | 168          |
| 27000KK                  | Ureteroscope, Set             | 168          |
| 27001LK                  | Uretero-Renoscope, Set        | 169          |
| 27001KK                  | Ureteroscope, Set             | 169          |
| 27002LK                  | Uretero-Renoscope, Set        | 170          |
| 27002KK                  | Ureteroscope, Set             | 170          |
| 27003LK                  | MICHEL Uretero-Renoscope, Set | 171          |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

### 8458190

**Stopcock**

### 6985691

**Spring Cap**

# Uretero-Renoscopes, Ureteroscopes

rigid

|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|         |                        |     |
|---------|------------------------|-----|
| 27010LK | Uretero-Renoscope, Set | 172 |
| 27010KK | Ureteroscope, Set      | 172 |



**Spare Parts**

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|          |                                |     |
|----------|--------------------------------|-----|
| 27013LK  | GAUTIER Uretero-Renoscope, Set | 173 |
| 27002KPK | Uretero-Renoscope, Set         | 174 |



**Spare Parts**

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**

**27550N**  
**Seal**

| <b>Components / Spare Parts</b> |                      | <b>Catalog page</b> |
|---------------------------------|----------------------|---------------------|
| 27424F                          | Forceps              | 178                 |
| 27424P                          | Forceps              | 178                 |
| 27424Z                          | Biopsy Forceps       | 178                 |
| 27424R                          | PÉREZ-CASTRO Forceps | 178                 |
| 27424U                          | Splitting Forceps    | 178                 |
| 27425FG                         | Forceps              | 180                 |
| 27425PG                         | Forceps              | 180                 |
| 27425ZG                         | Biopsy Forceps       | 180                 |
| 27425RG                         | PÉREZ-CASTRO Forceps | 180                 |

## Spare Parts

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5963402  
Knurled Screw

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5905098-10  
Sealing Cap, package of 10

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# PÉREZ-CASTRO Uretero-Resectoscope

Telescope and Sheath

|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|          |  |     |
|----------|--|-----|
| 27023ABA | HOPKINS® Straight Forward Telescope 0° | 182 |
|----------|--|-----|



**Spare Parts**

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**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

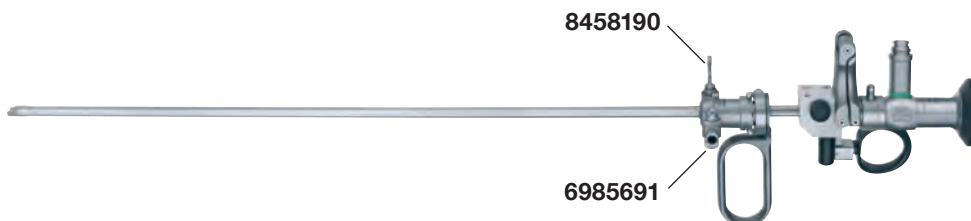
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**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

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|                                 |                     |
|---------------------------------|---------------------|
| <b>Components / Spare Parts</b> | <b>Catalog page</b> |
|---------------------------------|---------------------|

|         |        |     |
|---------|--------|-----|
| 27023RB | Sheath | 183 |
|---------|--------|-----|



**Spare Parts**

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**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

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**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation

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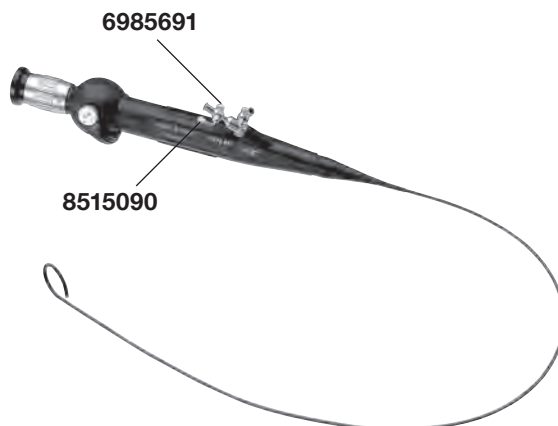
**8458190**  
**Stopcock**

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**6985691**  
**Spring Cap**

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| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
| 11278ACK1                | Cysto-Urethro-Fiberscope FLEX-X <sup>2</sup> | 184          |
| 11278ACUK1               | Cysto-Urethro-Fiberscope FLEX-X <sup>2</sup> | 184          |



## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus  
 Corporation

**8515090**  
**Stopcock**

**6985691**  
**Spring Cap**

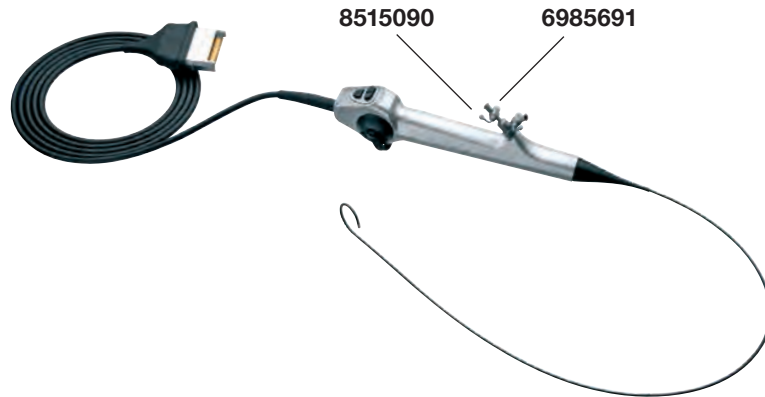


# Video Uretero-Renoscopes FLEX-X<sup>c</sup>, flexible

## Components / Spare Parts

## Catalog page

|           |   |     |
|-----------|---|-----|
| 11278VSK  | Video Uretero-Renoscope FLEX-X <sup>c</sup> , Set | 186 |
| 11278VSUK | Video Uretero-Renoscope FLEX-X <sup>c</sup> , Set | 186 |



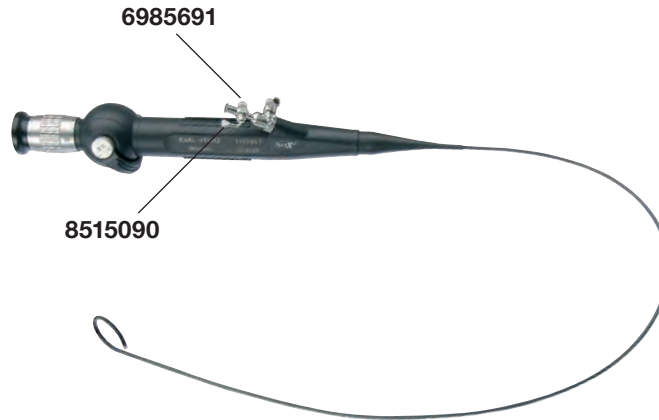
## Spare Parts

8515090  
Stopcock

6985691  
Spring Cap

# Uretero-Reno-Fiberscopes FLEX-X<sup>2S</sup>, flexible

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
| 11278AK1                 | Uretero Reno-Fiberscope FLEX-X <sup>2S</sup> , Set | 194          |
| 11278AUK1                | Uretero-Reno-Fiberscope FLEX-X <sup>2S</sup> , Set | 194          |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus Corporation

**8515090**  
**Stopcock**

**6985691**  
**Spring Cap**

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |   |     |
|---------|---|-----|
| 26007BA | HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 202 |
|---------|---|-----|



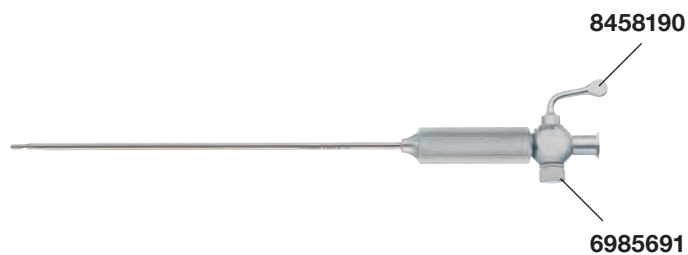
### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus Corporation

| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
|--------------------------|--|--------------|

|         |                                |     |
|---------|--------------------------------|-----|
| 26120JL | VERESS Pneumoperitoneum Needle | 202 |
|---------|--------------------------------|-----|



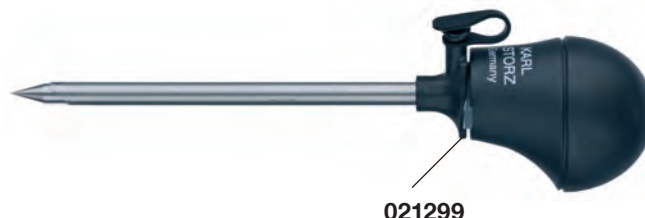
### Spare Parts

**8458190**  
**Stopcock**

**6985691**  
**Spring Cap**

| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|          |        |     |
|----------|--------|-----|
| 30160GYG | Trocar | 202 |
| 30114GYG | Trocar | 202 |



021299

**Spare Part**

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**021299-10**  
**Valve Seal,**  
sterile, for single use,  
package of 10

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| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|         |        |     |
|---------|--------|-----|
| 30117GP | Trocar | 202 |
|---------|--------|-----|



6127390

**Spare Parts**

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**6127390-10**  
**Sealing Cap, (50/2.6),**  
package of 10

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**7720590-10**  
**Silicone Leaflet Washer,**  
package of 10

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| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 31351ML                  | CLICK'line <sup>®</sup> KELLY Dissecting and Grasping Forceps | 202          |
| 31366ONM                 | CLICK'line <sup>®</sup> Grasping Forceps                      | 202          |
| 31351MW                  | CLICK'line <sup>®</sup> Scissors                              | 202          |
| 31351EH                  | CLICK'line <sup>®</sup> Micro Hook Scissors                   | 202          |

### Spare Part

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29100  
Plug

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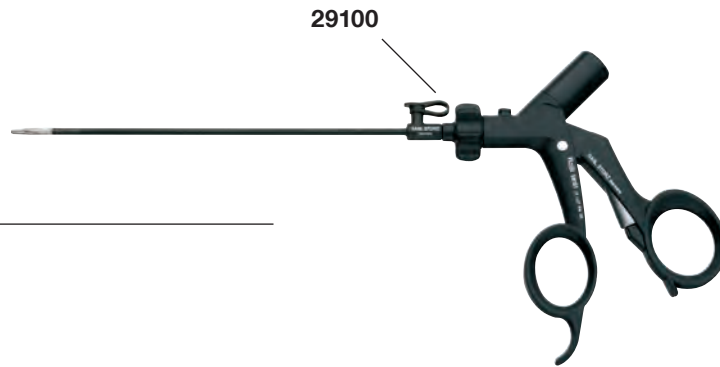
| Components / Spare Parts |  | Catalog page |
|--------------------------|--|--------------|
| 38951MD                  | ROBI <sup>®</sup> KELLY Grasping Forceps | 202          |
| 38951ON                  | ROBI <sup>®</sup> Grasping Forceps       | 202          |
| 38951MW                  | ROBI <sup>®</sup> Scissors               | 202          |

### Spare Part

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29100  
Plug

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|                 |                                    |            |
|-----------------|------------------------------------|------------|
| <b>26167ANL</b> | <b>Suction and Irrigation Tube</b> | <b>202</b> |
|-----------------|------------------------------------|------------|

**Spare Part**

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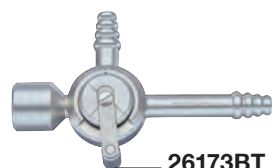
**5917900-10**

**O-Ring**, silicone, small, inner diameter  
7.65 x 1.78 mm, package of 10

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|--------------------------|--------------|
|--------------------------|--------------|

|              |                                     |            |
|--------------|-------------------------------------|------------|
| <b>30805</b> | <b>Handle with Two-Way Stopcock</b> | <b>202</b> |
|--------------|-------------------------------------|------------|



**Spare Parts**

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**26173BT**  
**Stopcock**

**6979091**  
**Spring Cap**

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| Components / Spare Parts | Catalog page |
|--------------------------|--------------|
|--------------------------|--------------|

|                 |                                     |            |
|-----------------|-------------------------------------|------------|
| <b>26167LNL</b> | <b>KOH Ultramicro Needle Holder</b> | <b>202</b> |
| <b>26167RNL</b> | <b>KOH Ultramicro Needle Holder</b> | <b>202</b> |

**Spare Part**

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**6011590**

**Plug**,  
for LUER-Lock connector

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| Components / Spare Parts |  | Catalog page |
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|--------------------------|--|--------------|

|         |                                  |     |
|---------|----------------------------------|-----|
| 26003EC | ENDOCAMELEON® HOPKINS® Telescope | 204 |
|---------|----------------------------------|-----|



### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus Corporation

| Components / Spare Parts |  | Catalog page |
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|--------------------------|--|--------------|

|         |   |          |
|---------|---|----------|
| 26046AA | HOPKINS® Straight Forward Telescope 0°, enlarged view | 205      |
| 26046BA | HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 202, 205 |
| 26046FA | HOPKINS® Telescope 45°, enlarged view                 | 205      |
| 26003AA | HOPKINS® Straight Forward Telescope 0°, enlarged view | 205      |
| 26003BA | HOPKINS® Forward-Oblique Telescope 30°, enlarged view | 202, 205 |
| 26003FA | HOPKINS® Telescope 45°, enlarged view                 | 205      |



### Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus Corporation

| Components / Spare Parts |                      | Catalog page |
|--------------------------|----------------------|--------------|
| 26003ARA                 | HOPKINS® RUBINA® 0°  | 212          |
| 26003BRA                 | HOPKINS® RUBINA® 30° | 212          |
| 26003FRA                 | HOPKINS® RUBINA® 45° | 212          |
| 26003FREA                | HOPKINS® RUBINA® 45° | 212          |
| 26046ARA                 | HOPKINS® RUBINA® 0°  | 213          |
| 26046BRA                 | HOPKINS® RUBINA® 30° | 213          |
| 26046FRA                 | HOPKINS® RUBINA® 45° | 213          |



## Spare Parts

### 495F

**Receptacle**, diameter 9 mm,  
for Wolf fiber optic light cable

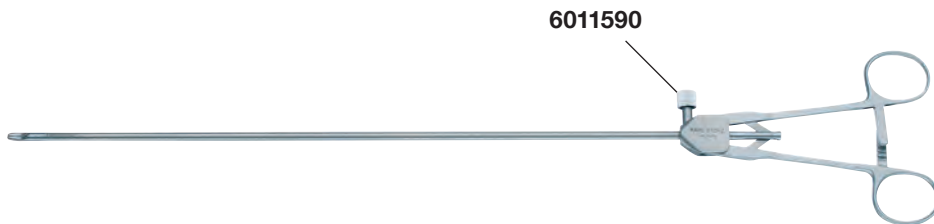
### 495G

**Screw Base**, for KARL STORZ  
fiber optic light cables and Olympus  
Corporation



# RASSWEILER Needle Holders and LASER Applicator

| Components / Spare Parts |                          | Catalog page |
|--------------------------|--------------------------|--------------|
| 26173SKG                 | RASSWEILER Needle Holder | 214          |
| 26173SKL                 | RASSWEILER Needle Holder | 214          |



## Spare Part

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**6011590**  
**Plug,**  
for LUER-Lock connector

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| 27710LL                  | LASER Applicator | 215          |



## Spare Parts

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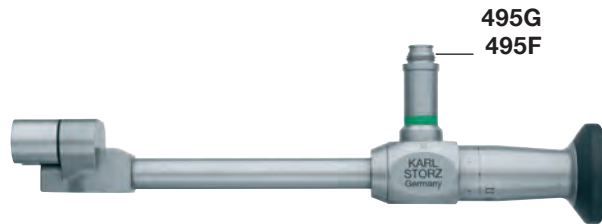
**8541890**  
**Stopcock**

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**6985691**  
**Spring Cap**

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| Components / Spare Parts |   | Catalog page |
|--------------------------|---|--------------|
| 20916025AA               | VITOM® Telescope 0°, with integrated illuminator              | 231          |
| 20916025DA               | VITOM® Telescope 90°, with integrated illuminator             | 231          |
| 20916025AGA              | VITOM® II NIR / ICG-Telescope 0°, with integrated illuminator | 235          |



## Spare Parts

**495F**  
**Receptacle**, diameter 9 mm,  
 for Wolf fiber optic light cable

**495G**  
**Screw Base**, for KARL STORZ  
 fiber optic light cables and Olympus  
 Corporation

## Components / Spare Parts

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495VIT

Fiber Optic Light Cable

242



## Spare Parts

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**495-12**

**Screw Cap**, for connection to telescope/instrument

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**495-13**

**Slot Nut**, for fixation of screw cap

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**495-47**

**Socket Wrench**, for slot nut

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