

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

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01 HOPKINS® Telescopes for Adults

HOPKINS® Telescopes, diameter 4 mm	2-3
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HOPKINS® Telescopes, with integrated greenlight filter, diameter 4 mm	5
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HOPKINS® Telescopes, fiber optic light incorporated, diameter 2.9 mm	6
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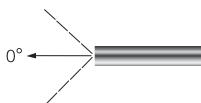
- Scratch-resistant sapphire glass as cover glass for the eyepiece cup
- Anti-reflective coating
- Light cable coding on the telescope cube enables easier identification of the light cable according to the telescope size



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	

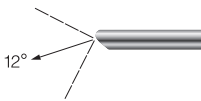


27005BA



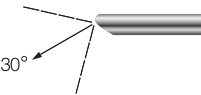
27005AA

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



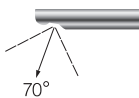
27005FA

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



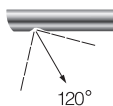
27005BA

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

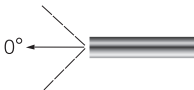


27005EA

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

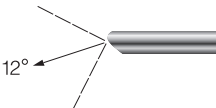
HOPKINS® Telescopes for Photodynamic Diagnosis (PDD)

Fiber optic light transmission incorporated



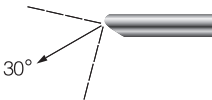
27005AIA

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



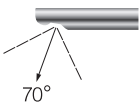
27005FIA

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

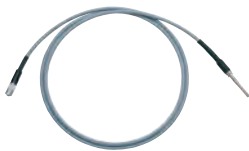
HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: red



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):



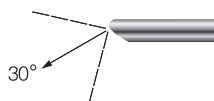
495FS

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.

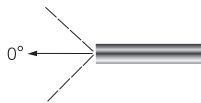
Special Features:

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



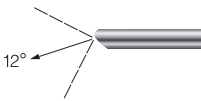
27005BGA

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



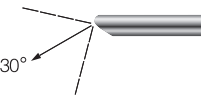
27020AA

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

Flexible

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Rigid

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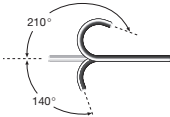
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Cysto-Urethroscopes and Instruments	44-53
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Flexible Video Cystoscopes HD-VIEW

High performance by definition

HD-VIEW

Order no.	Video Cystoscope HD-VIEW	Deflection of distal tip	Direction of view	Working length	Working channel inner 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							



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

Video Cystoscope HD-VIEW



11272VH, 11272VHU

TELECAM C3



TC100

IMAGE1 S™



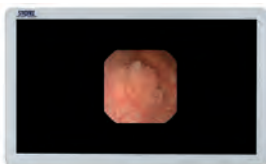
TC200EN*
TC301

TELE PACK+



TP101

Monitor



TM220

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



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						



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-Urethroscopes C-VIEW®

Flexible application redefined

The following products are included in delivery:



27677SM

Case for Flexible Endoscopes,
external dimensions (w x d x h):
580 x 500 x 165 mm



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

11025E

Pressure Compensation Cap, for ventilation
during gas and plasma sterilization

13242XL

Leakage Tester, with bulb and manometer



110940-50

Cleaning Brush, with double-sided brush,
length 90 cm, brush diameter 2.6 mm,
unsterile, for single use, package of 50



27014Y

LUER-Adaptor, with seal

The following optional products are available:



27023VK

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



27550N

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

27001RA

Cleaning Adaptor



110940-50

Cleaning Brush, with double-sided brush,
length 90 cm, brush diameter 2.6 mm, unsterile,
for single use, package of 50



11014 Y

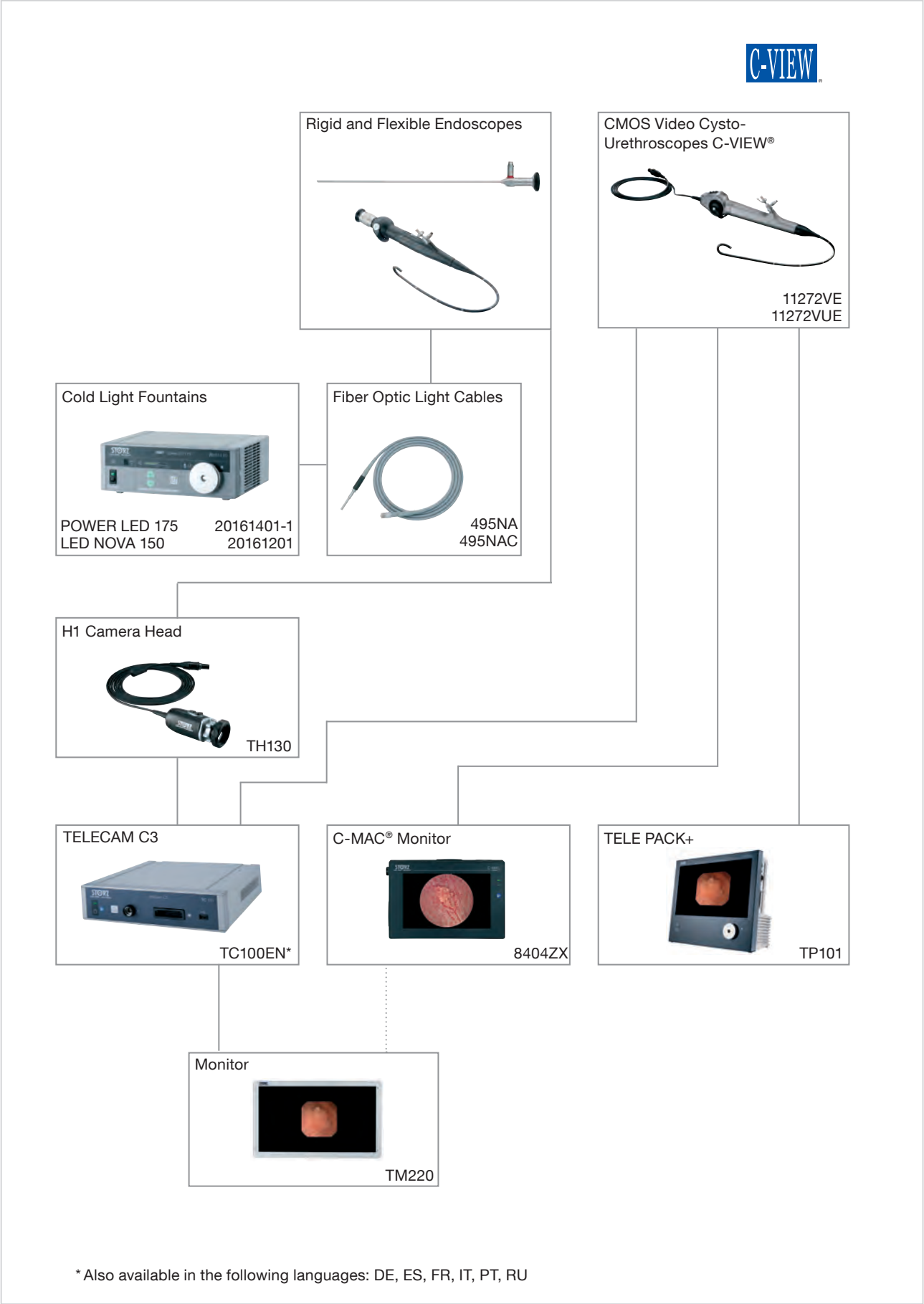
Fiber Fixation

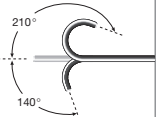
8404ZX

C-MAC® Monitor for CMOS Endoscopes,
screen size 8" mit 1200 x 1920 pixel resolution

39406AS

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



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						



11272C1

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:

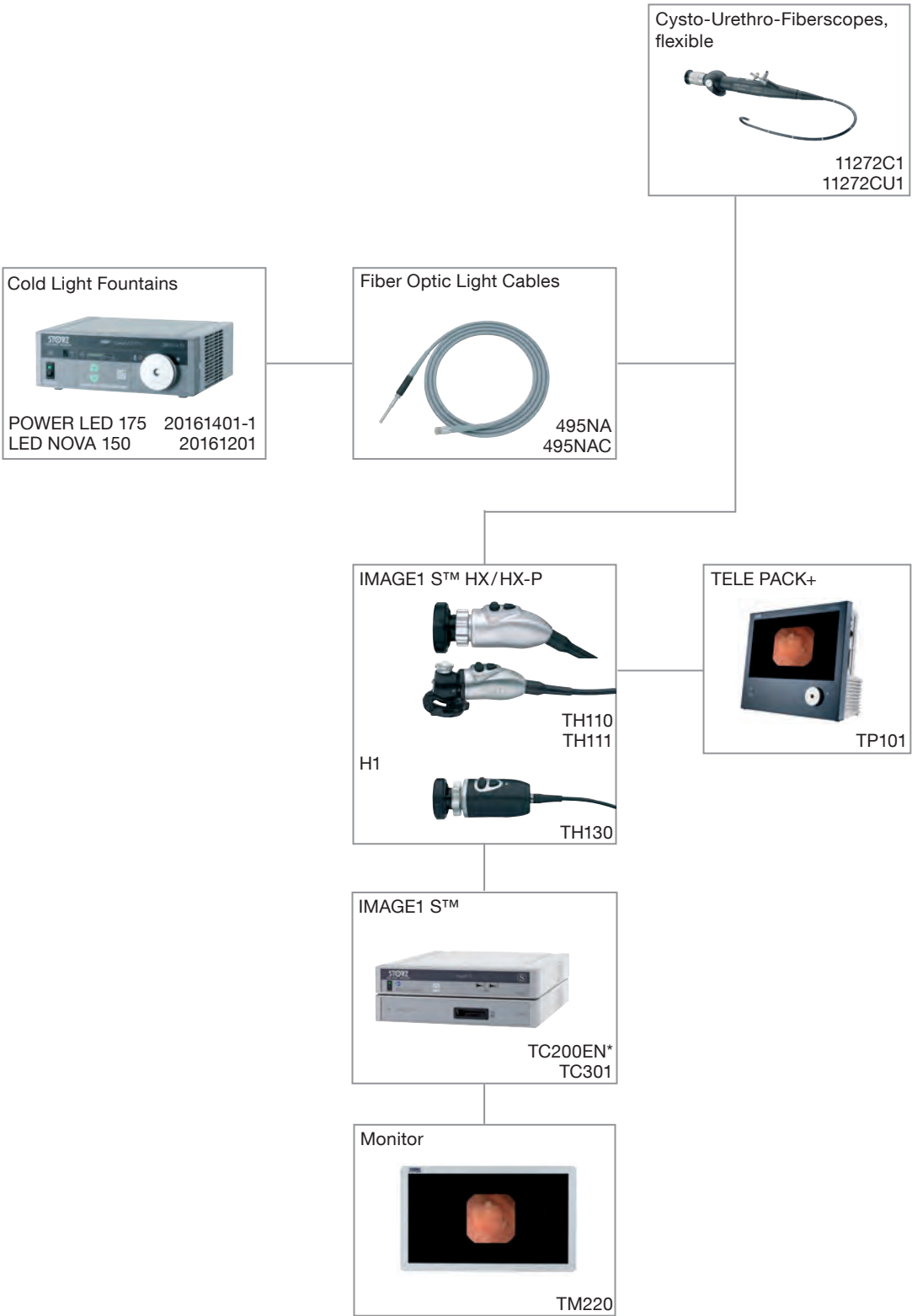
	27677A	Case
	27023FE	Grasping Forceps for Small Fragments , single action jaws, flexible, 5 Fr., length 73 cm
	27023ZE	Biopsy Forceps , single action jaws, flexible, 5 Fr., length 73 cm
	11025E	Pressure Compensation Cap , for ventilation during gas and plasma sterilization
	13242XL	Leakage Tester , with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

The following optional products are available:

	27023VK	Stone Basket , 5 Fr./1.67 mm, length 60 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
	27550N	Seal , for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10
	27001RA	Cleaning Adaptor
	110940-50	Cleaning Brush , 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

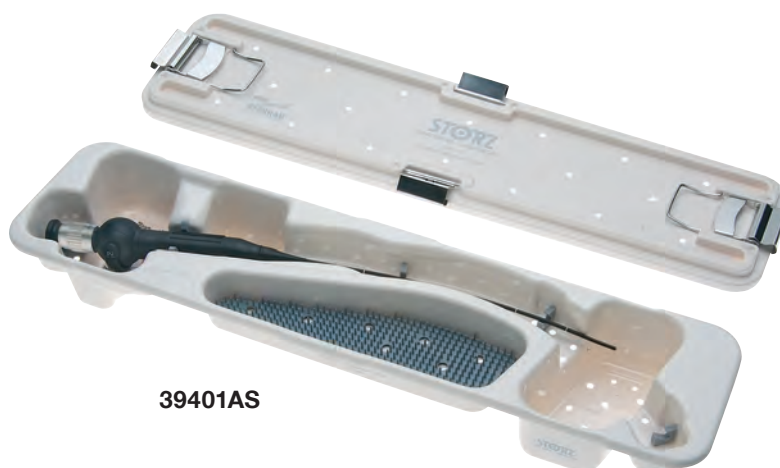
Plastic Container for Sterilization, especially suited for gas and hydrogen peroxide (Sterrad®) sterilization and storage, perforated, with lid, for use with flexible video cysto-, rhino- and bronchoscopes, external dimensions (w x d x h): 550 x 260 x 90 mm

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

- | | |
|----------------|--|
| 39401AS | Plastic Container for Sterilization , 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 |
| 39402AS | Plastic Container for Sterilization , 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

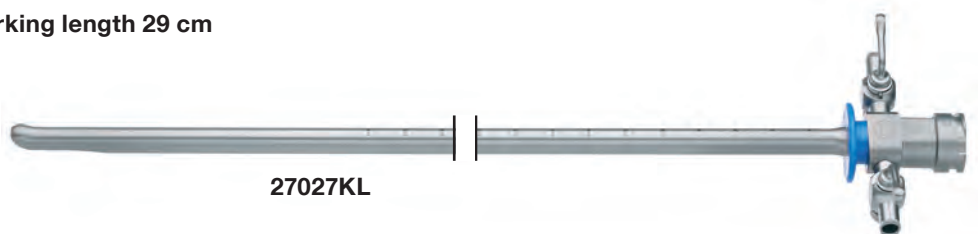


27026BB

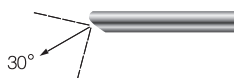
- 27026ABK **Cystoscope-Urethroscope Sheath**, 25 Fr.,
with Obturator 27026AO and 2 LUER-Lock cones,
color code: white
- 27026BBK **Cystoscope-Urethroscope Sheath**, 22 Fr.,
with Obturator 27026BO and 2 LUER-Lock cones
color code: blue
- 27026CBK **Cystoscope-Urethroscope Sheath**, 20 Fr.,
with Obturator 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

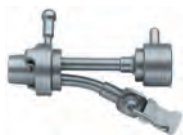


27325BA

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

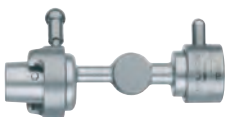
Telescope Bridge, with 1 lockable channel, for use with instruments 10 Fr.



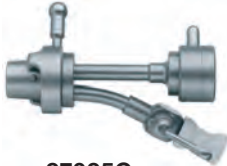
27027E

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

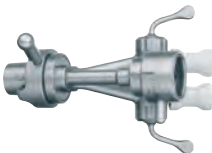
Telescope Bridges, Catheter Deflecting Mechanisms



27025F

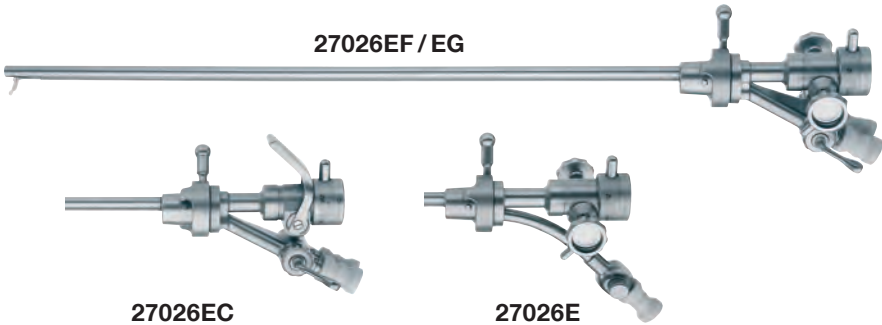


27025G



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

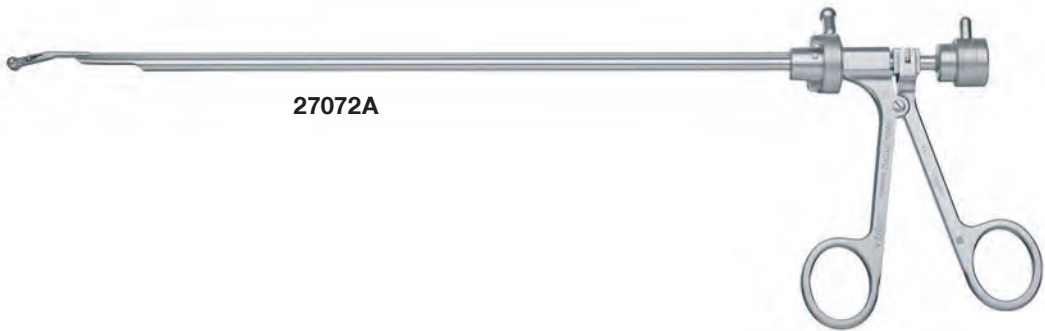


27026EF	Catheter Deflecting Mechanism, with ALBARRAN lever, with 2 lockable channels, with ratchet, Rod 27021O is included in delivery
27026EG	Same, without ratchet
27026EC	Same, with quick control
27026E	Catheter Deflecting Mechanism, with ALBARRAN lever, with 1 lockable channel, with ratchet, Rod 27021O 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 27026EF 27026EG	27025G 27025GA	27025GF 27025GFA	
27026A 27026AB	25 Fr.	1x 10 Fr.	2x 8 Fr. 1x 10 Fr.	1x 12 Fr.	2x 8 Fr. 1x 12 Fr.	white
27026B 27026BB	22 Fr.	1x 9 Fr.	2x 6 Fr. 1x 9 Fr.	1x 10 Fr.	2x 7 Fr. 1x 10 Fr.	blue
27026C 27026CB	20 Fr.	1x 6 Fr.	2x 5 Fr. 1x 6 Fr.	1x 7 Fr.	2x 6 Fr. 1x 7 Fr.	red
27026D 27026DB	19 Fr.	1x 5 Fr.	2x 4 Fr. 1x 5 Fr.	1x 6 Fr.	2x 5 Fr. 1x 6 Fr.	green
27026U	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



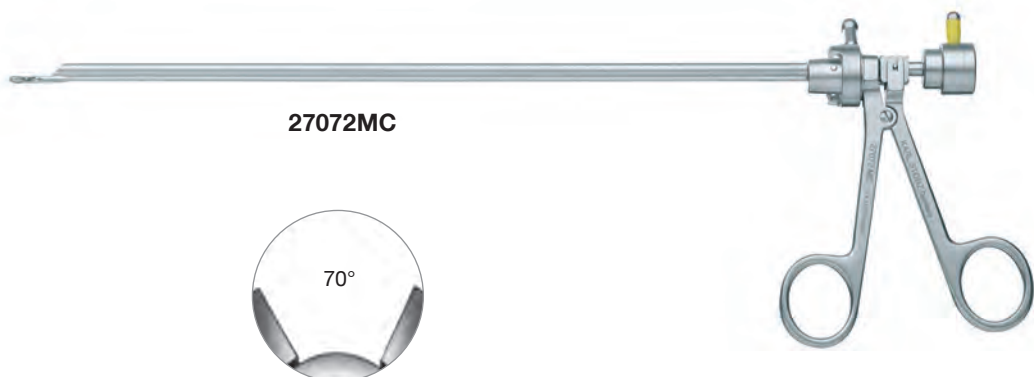
27093SC

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
27072A	27005AA 27005FA 27005FIA 27005BA 27005BIA	27026A 27026B 27026C 27026AB 27026BB 27026CB	27040SM (without inner sheath)	27093GN
			27050SD (without inner sheath)	27093SC
27072DU	27005AA 27005FA 27005FIA	27026A 27026B 27026C 27026AB 27026BB 27026CB	27040AO 27241AO 27040SM 27050SM	27094BY
			27040SD (without inner sheath)	27093GN
			27050SD (without inner sheath)	27093SC
27072F	27005AA 27005FA 27005FIA	27026A 27026B 27026C 27026AB 27026BB 27026CB	27040SM (without inner sheath)	27093GN
			27050SD (without inner sheath)	27093SC
27072S	27005AA 27005FA 27005FIA	27026A 27026B 27026C 27026AB 27026BB 27026CB	—	—



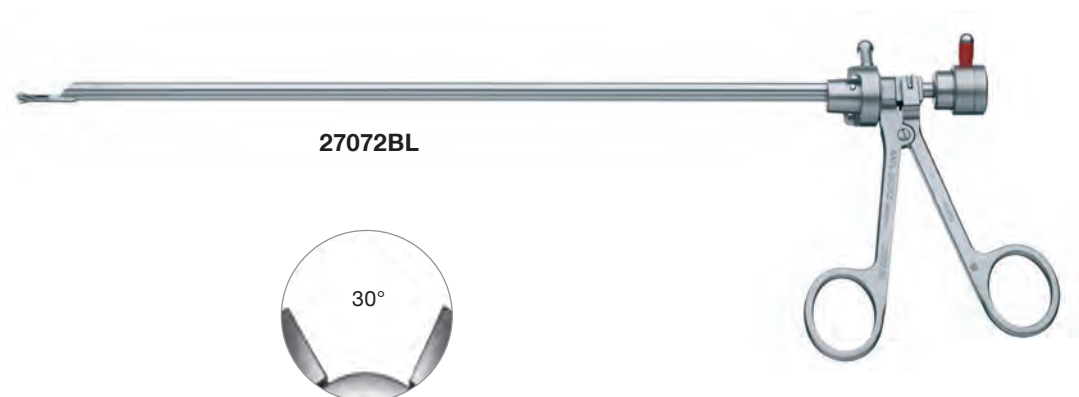
27072MC

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

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



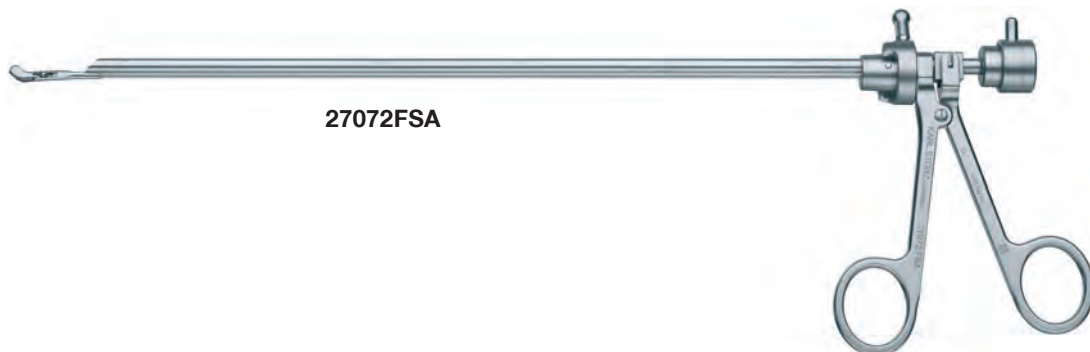
27072BSA

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

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
27072MC	27005CA 27005CIA	27026A 27026B 27026C 27026AB 27026BB 27026CB	27040AO / 27040BO 27241AO / 27241BO 27040SL / 27040SM 27040SD 27050SL / 27050SM 27050SC / 27050SD	27094BY
27072BL	27005FA 27005FIA 27005BA 27005BIA	27026A 27026B 27026C 27026AB 27026BB 27026CB	27040AO / 27040BO 27241AO / 27241BO 27040SL / 27040SM 27040SD 27050SL / 27050SM 27050SC / 27050SD	27094BY
27072BS	27005FA 27005BA 27005FIA 27005BIA	27026A 27026B 27026AB 27026BB	27040AO / 27040BO 27241AO 27040SL / 27040SM 27040SD 27050SL / 27050SM 27050SC / 27050SD	27094BY
27072BSA	27005FA 27005FIA 27005BA 27005BIA	27026A 27026B 27026AB 27026BB	27040AO / 27040BO 27241AO 27040SL / 27040SM 27040SD 27050SL / 27050SM 27050SC / 27050SD	27094BY
27072FS	27005AA 27005AIA	27026A 27026B 27026AB 27026BB	27040AO / 27040BO 27241AO 27040SL / 27040SM 27040SD 27050SL / 27050SM 27050SC / 27050SD	27094BY
27072FSA	27005BA 27005BIA	27026A 27026B 27026AB 27026BB	27040AO / 27040BO 27241AO 27040SL / 27040SM 27040SD 27050SL / 27050SM 27050SC / 27050SD	27094BY
27072HF	27005AA 27005AIA 27005BA 27005BIA 27005FA 27005FIA	27026A 27026B 27026C 27026AB 27026BB 27026CB	27040BO / 27040BK 27241BO / 27241BK 27040SL / 27040SD 27050SL 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

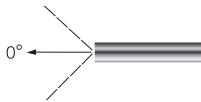


27035BB

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

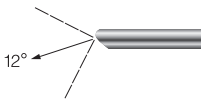


27020BA



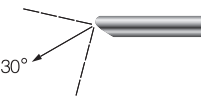
27020AA

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

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



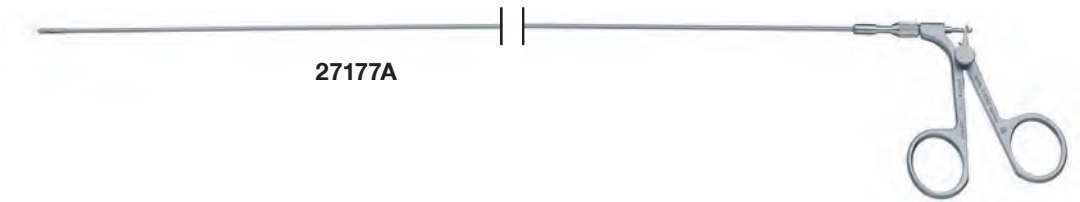
27034G

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-Urethrosopes 27035BA and 27035BB



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

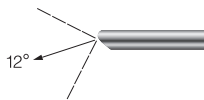
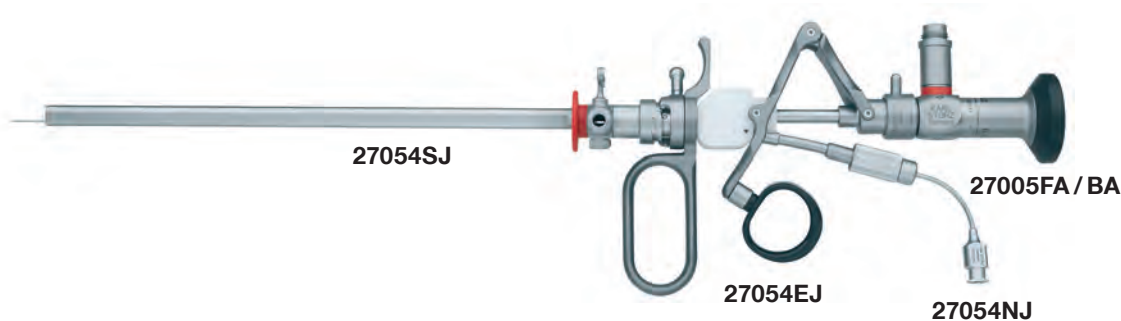
Unipolar High Frequency Cords



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

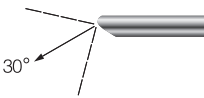
Please note: All high frequency cords are delivered with a length of 300 cm. If a length of 500 cm is requested, please add the letter L to the part number, e.g., 26002ML.

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



27054EJ

Working Element, with channel for Injection Needle 27054NJ

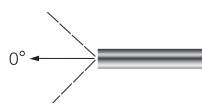
27054SJK

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



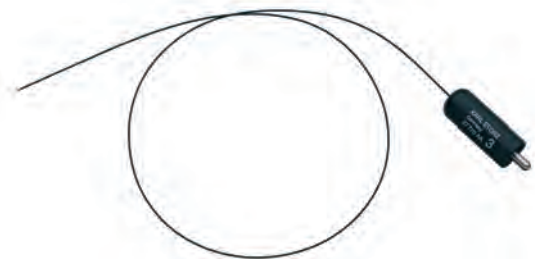
27071ZJ

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

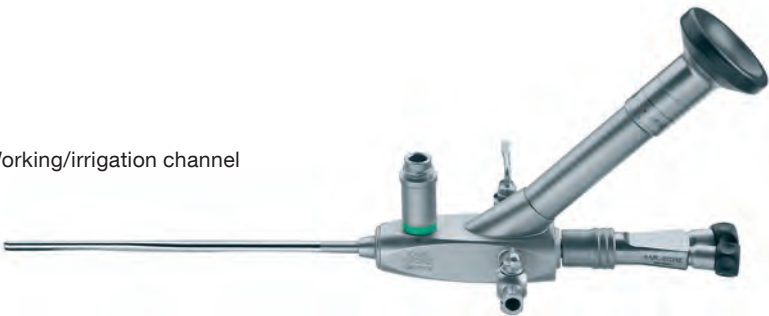
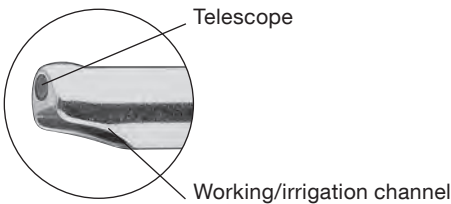
Knife, triangular, 3 Fr.,
for single use, package of 6



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.



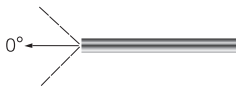
27772AA

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

27772A

Same, 5 Fr.

7/9 Fr.,
for use with Cystoscope-Urethroscope Sheaths 27029CNK and 27029DNK



27301AA

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

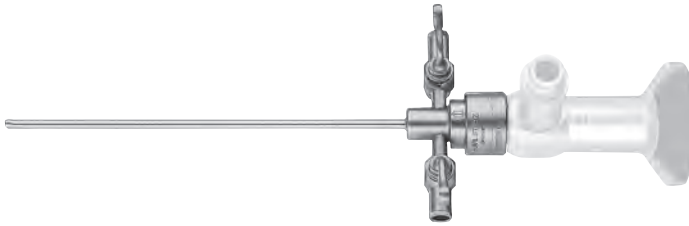


27301BA

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

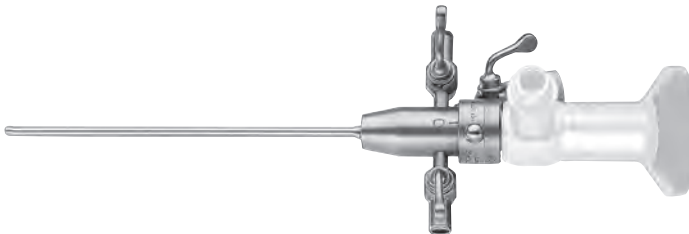
Cysto-Urethroscope

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

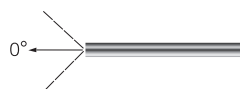
Biopsy Forceps, double action jaws, flexible, 3 Fr.,
length 28 cm



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



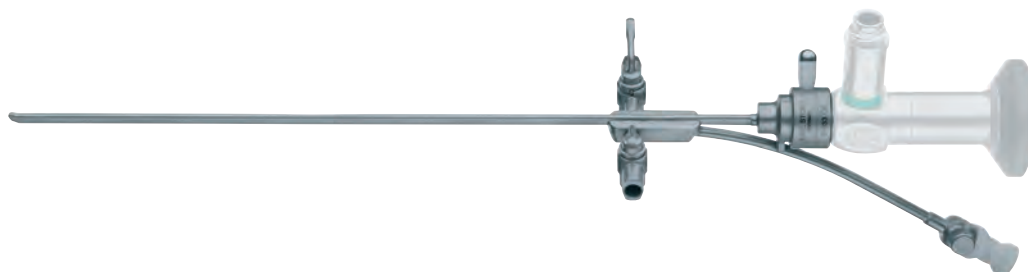
27033CK

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



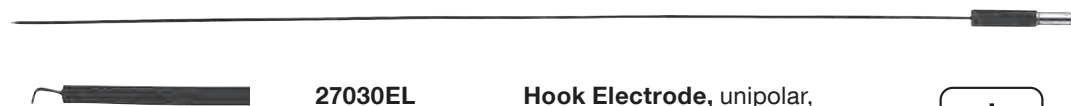
27071ZJ

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



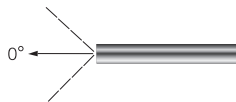
27772A

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

9.5 / 11 Fr.

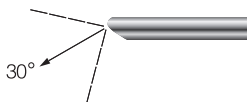


27017AA



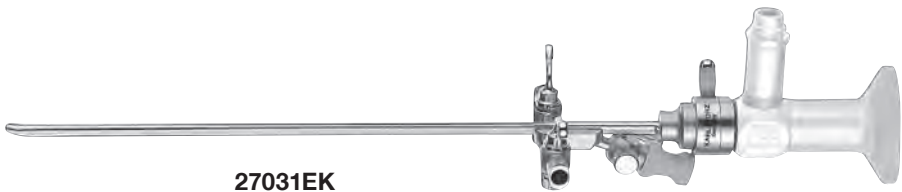
27017AA

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

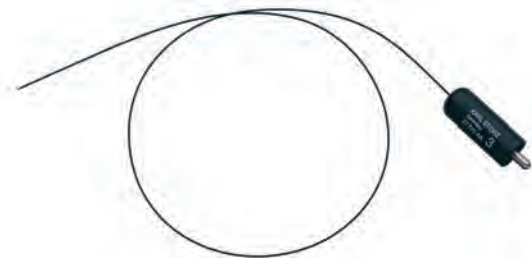
9.5 / 11 Fr.,
for use with Cystoscope-Urethroscope Sheaths 27031EK and 27031FK



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

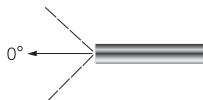
27772AA **Needle Electrode,** unipolar,
3 Fr., length 53 cm



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

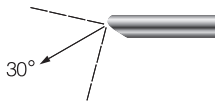


27018AA



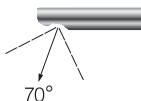
27018AA

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



27018BA

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



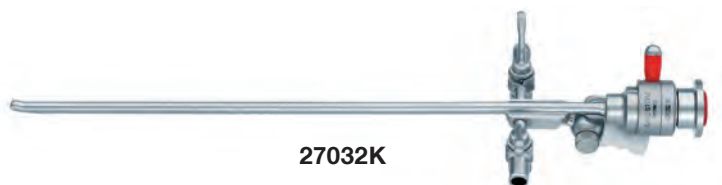
27018CA

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



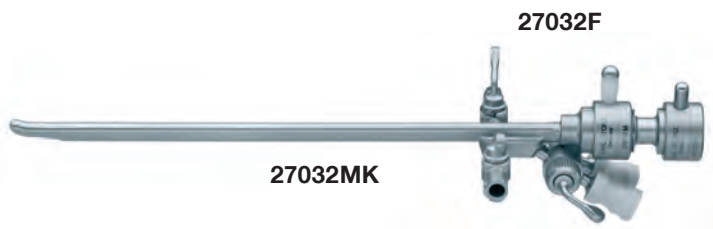
27032K

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



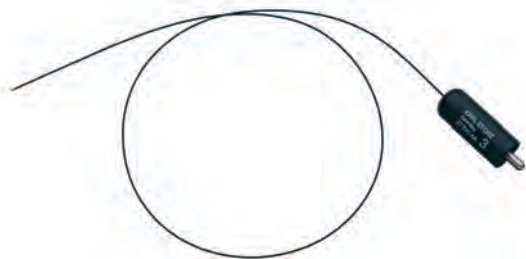
27071ZJ **Biopsy Forceps**, double action jaws, flexible, 3 Fr., length 28 cm

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

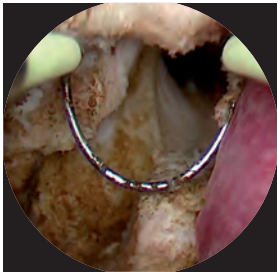
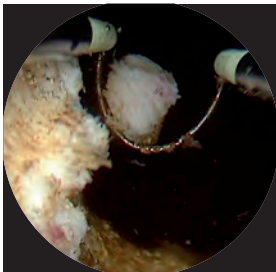
03 Resectoscopes

Transurethral Resection (TUR)	56
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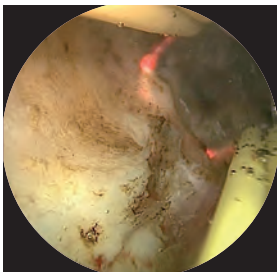
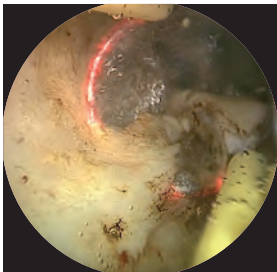
Transurethral Resection (TUR)

Unipolar and Bipolar TUR

Unipolar TUR



Bipolar TUR



Working Elements, unipolar

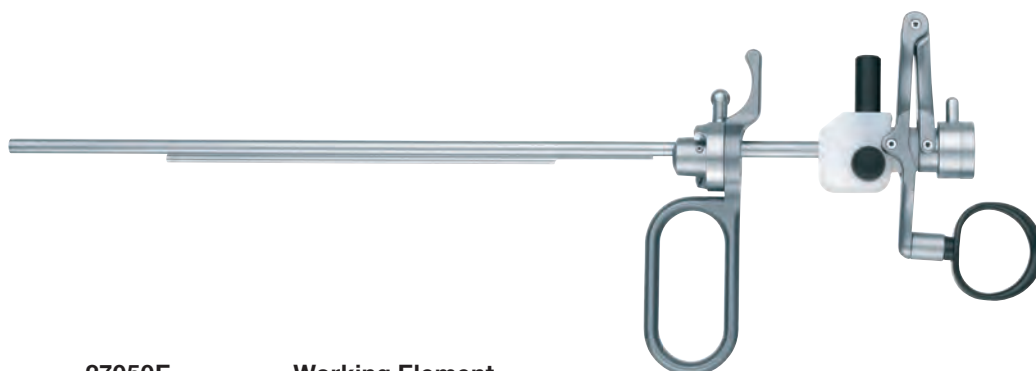
for one-stem electrodes with stabilizers

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

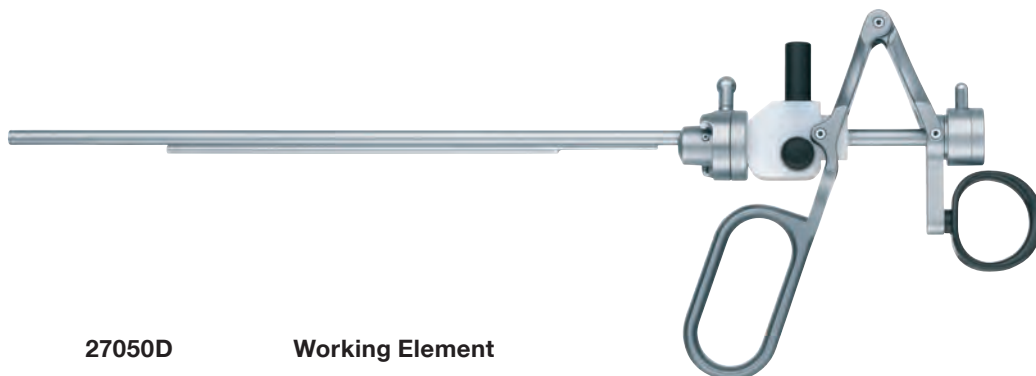


27050E

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

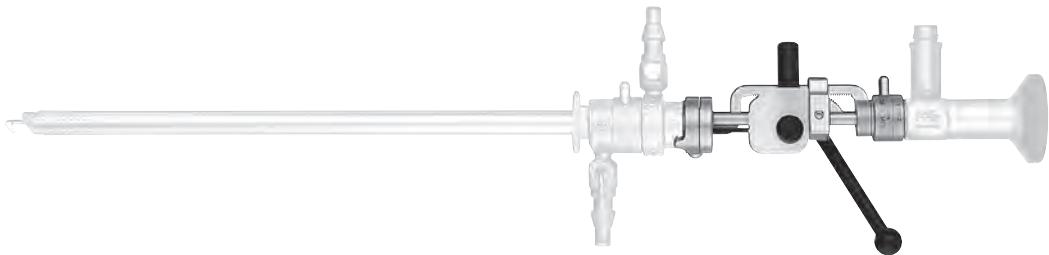
Working Element

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. color code: yellow	27 / 28 Fr. color code: brown	Instrument description
	27050G	27050F	Cutting Loop, angled
	27050GS	–	THOMAS Cutting Loop, angled, small
	27050J	–	Cutting Loop, longitudinal
	27050L	27050K	Coagulation Electrode, pointed
	27050S	–	Coagulation Electrode, conical
	27050N	27050M	Coagulation Electrode, ball-shaped, diameter 3 mm
	27050NK	27050MK	Coagulation Electrode, ball-shaped, diameter 5 mm
	27050NX	–	Coagulation Electrode, barrel-shaped, diameter 3 mm
	27050GR	–	LOZZI Needle Electrode
	27050NW	27050MW	Coagulation Electrode, barrel-shaped, diameter 5 mm
	27050TL	–	Cutting Loop, curved to left
	27050TR	–	Cutting Loop, 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. color code: yellow	Instrument description
	27050DG	Cutting Loop, diameter 0.8 mm
	27050VG	Spike Electrode, diameter 5 mm
	27050RG	Roller Electrode, diameter 5 mm
	27050RK	Roller Electrode, diameter 3 mm
	27050SG	VAPORCUT® Electrode, bandwidth 1.2 mm
	27050BG	VAPORCUT® Electrode, bandwidth 0.6 mm
	27050KG	Roller Cutting Electrode
	27050WG	VAPORCUT® Electrode



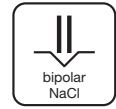
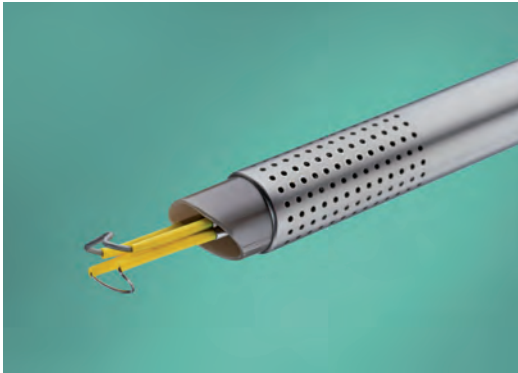
280

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.

The Bipolar System from KARL STORZ



New bipolar electrodes

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

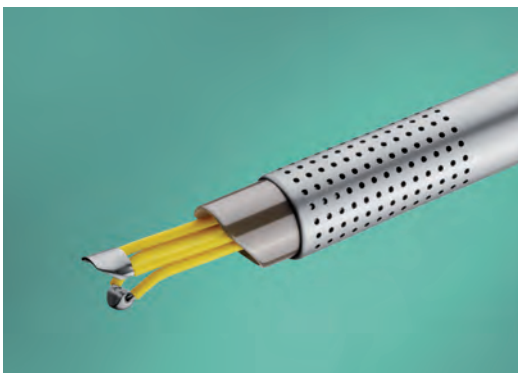


The right electrode for every indication

- Wide range of electrodes



- Automatic current regulation during cutting



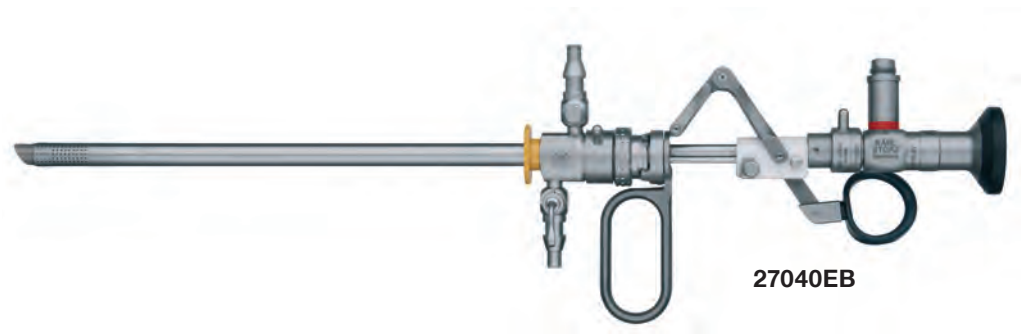
- Special design of the active electrode enables vaporization

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.

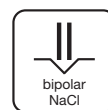


- | | |
|---------|---|
| 27040EB | Working Element |
| 39040RA | Cleaning Adaptor, for use with working element, bipolar |

Working Element, bipolar

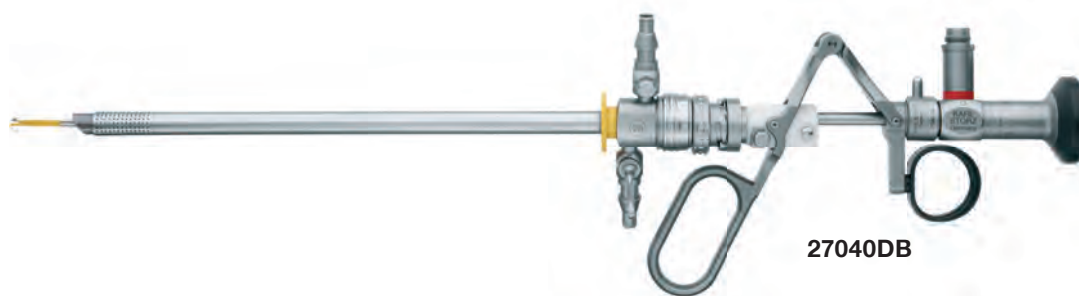
for two-stem electrodes with stabilizers

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.



Working end	24 / 26 Fr. color code: yellow	27 / 28 Fr. color code: 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

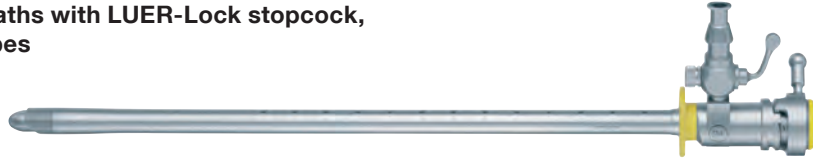
Electrodes are delivered in packages of 6.

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

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

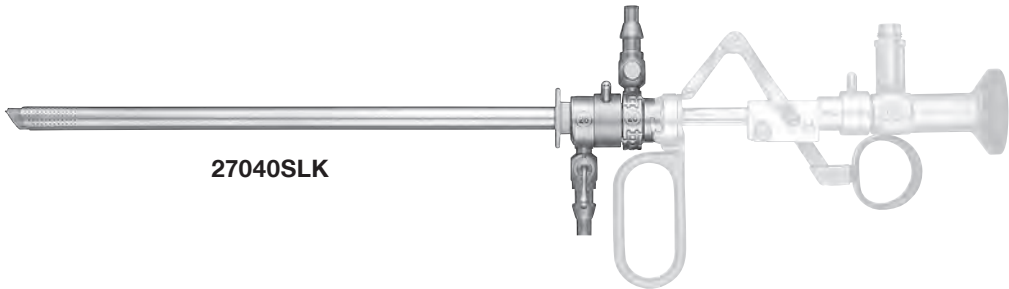
The resectoscope sheaths can be used with unipolar and bipolar working elements.

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

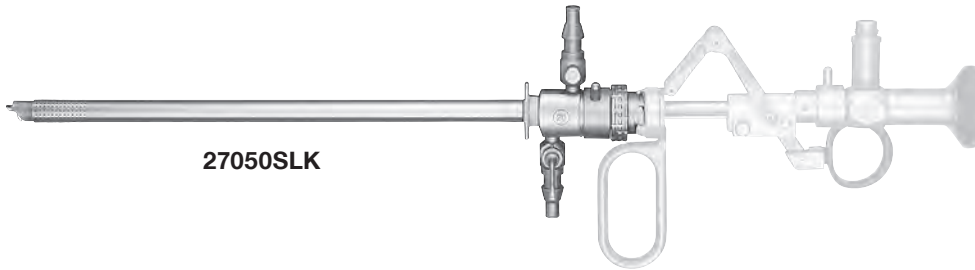
The resectoscope sheaths can be used with unipolar and bipolar working elements.

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

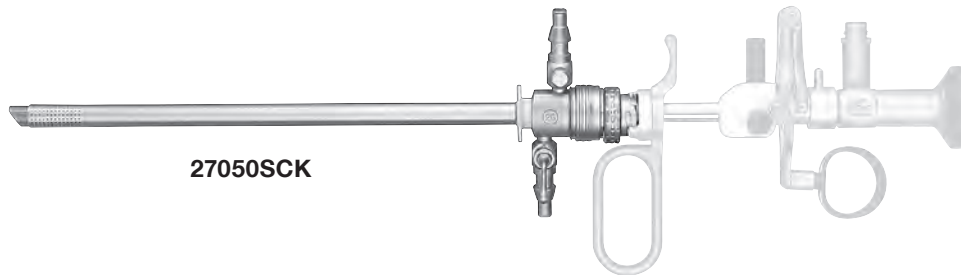
The resectoscope sheaths can be used with unipolar and bipolar working elements.

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**



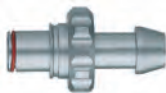
27040SC

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



27040OA

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

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

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

27040OD **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

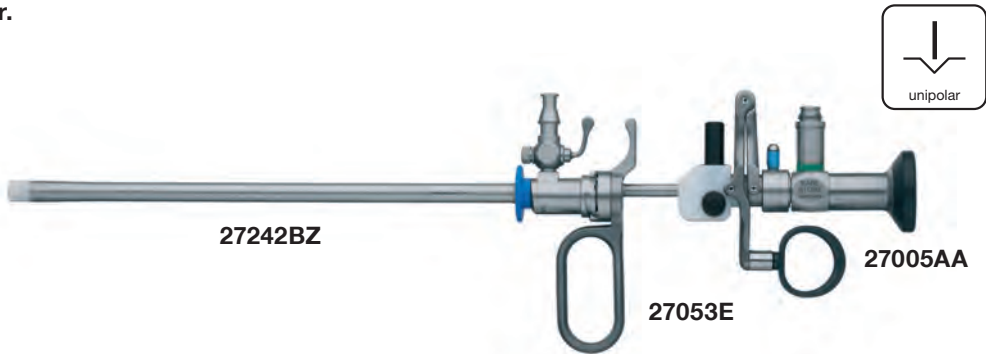
27050AE ESHGI **Visual Obturator**, for 27/28 Fr. sheaths

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

Resectoscope, MUNICH Model

Telescope, Working Element and Electrodes

24/26 Fr.



27005AA

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., color code: blue	Instrument description
	27053G	Cutting Loop , angled
	27053L	Coagulation Electrode , pointed
	27053N	Coagulation Electrode , ball-shaped, diameter 3 mm



280

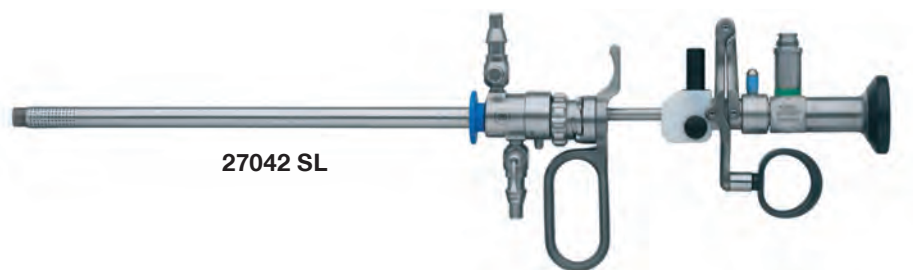
Protection Tube, for sterilization and storage of electrodes, loops,
curettes and knives

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

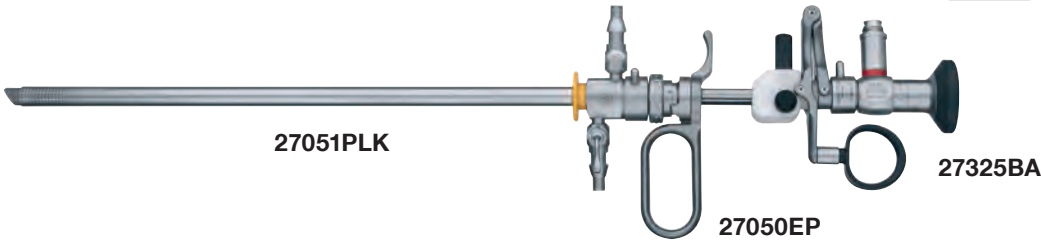
27042BO

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

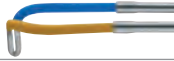


27325BA **HOPKINS® Forward Oblique Telescope 30°**, diameter 3.5 mm, autoclavable, fiber optic light transmission incorporated, color code: red

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.

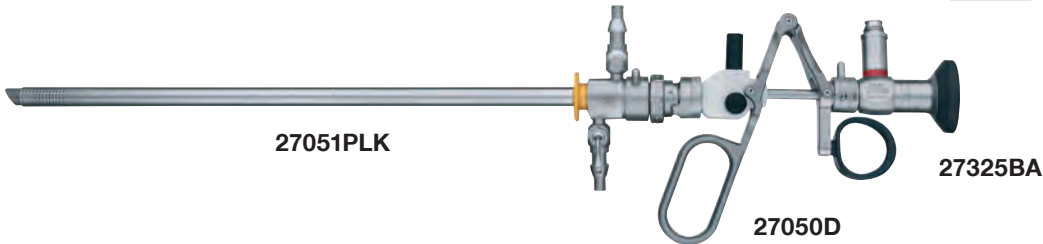
Note: Electrodes, in sterile packaging, are also available for single use.

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

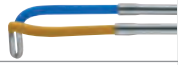


27325BA **HOPKINS® Forward Oblique Telescope 30°**, diameter 3.5 mm, autoclavable, fiber optic light transmission incorporated, color code: red

Cutting by means of a finger grip. Movable thumb ring
In rest position the electrode is outside the sheath.

27050D **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.

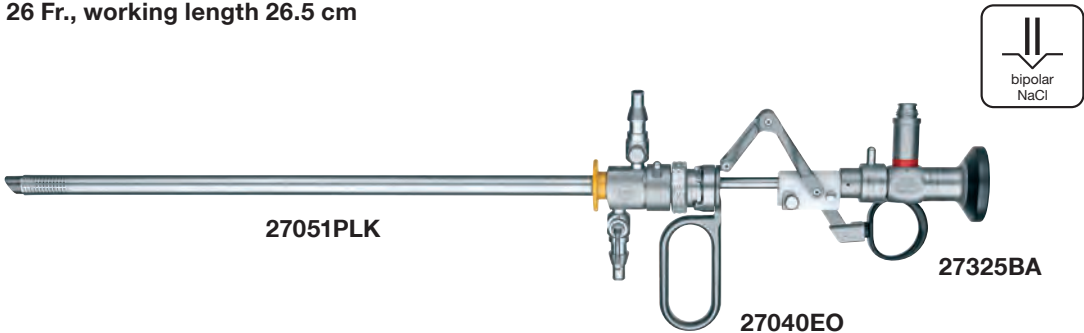
Note: Electrodes, in sterile packaging, are also available for single use.

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

Resectoscope, extra long, 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**



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



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

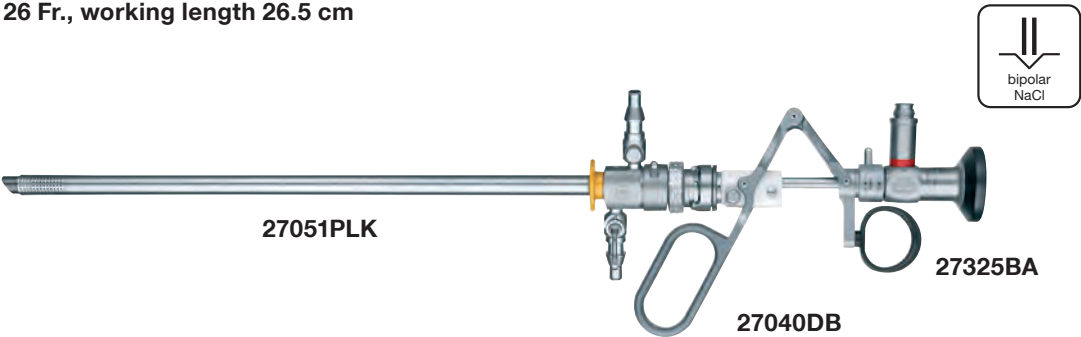
Electrodes are delivered in packages of 6.

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.

27040DB **Working Element**



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



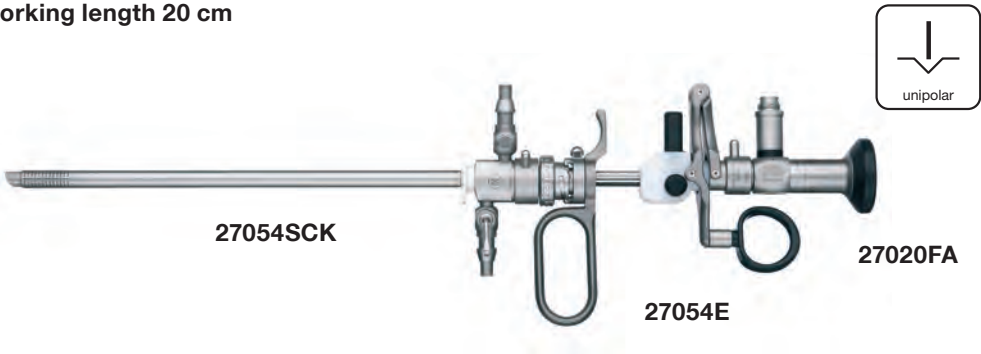
- | | |
|-----------------|---|
| 27051PLK | Resectoscope Sheath , including tube for in- and outflow, 26 Fr., oblique beak, rotating inner sheath with ceramic insulation, for use with Working Elements 27050EP, 27050DP, 27040EO and 27040DO, color code: yellow |
| 27051XA | Inner Sheath , rotating, with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



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



280

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

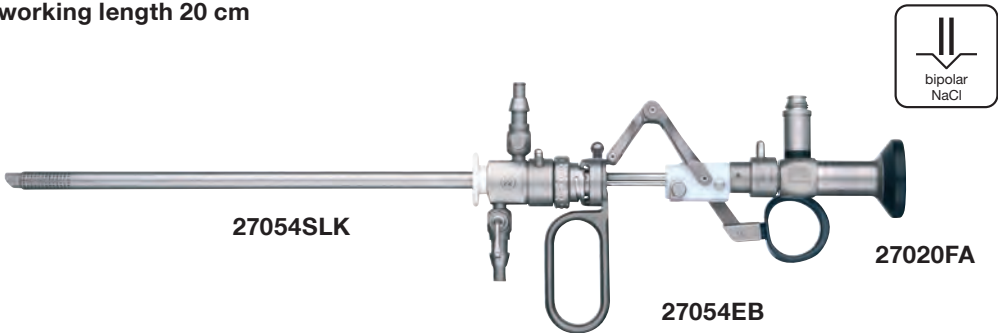
Electrodes are delivered in packages of 6.

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.

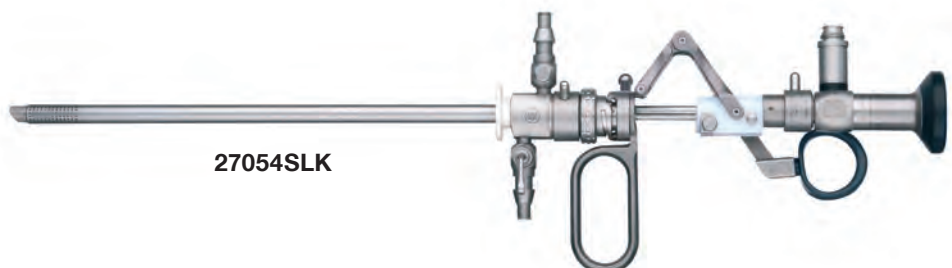
Resectoscope, slender, bipolar

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

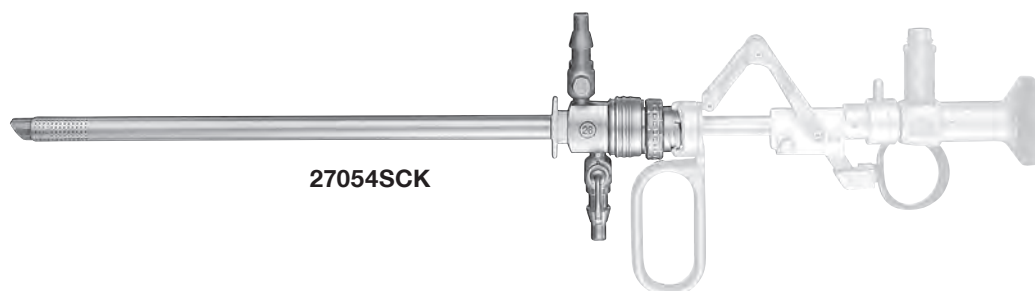
Resectoscope, slender, bipolar

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

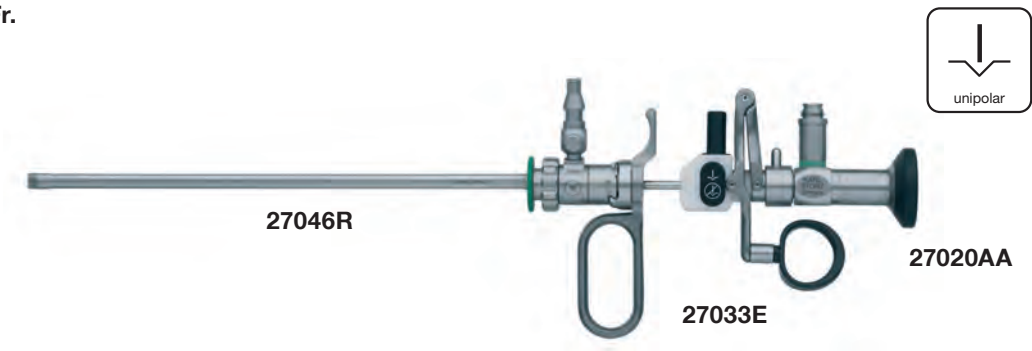
27054CB

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	Cutting Loop , angled
	27046L	Coagulation Electrode , 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

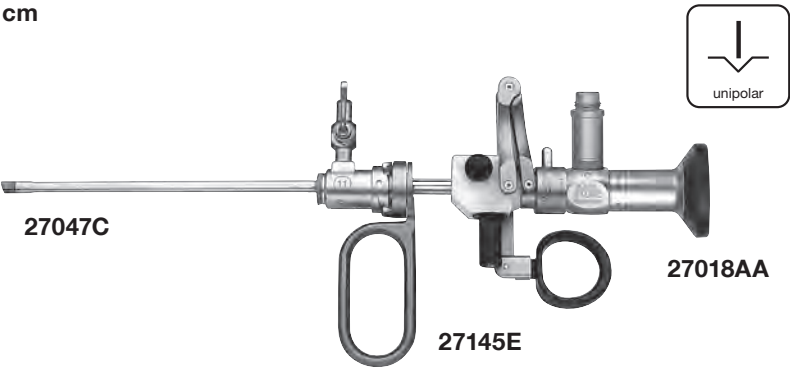
27046RO

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., color code: black	Instrument description
	27145EG	Cutting Loop , angled
	27145EL	Coagulation Electrode , angled, blunt
	27145EP	Coagulation Electrode , hook-shaped, ball end
	27145EF	Coagulation Electrode , 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



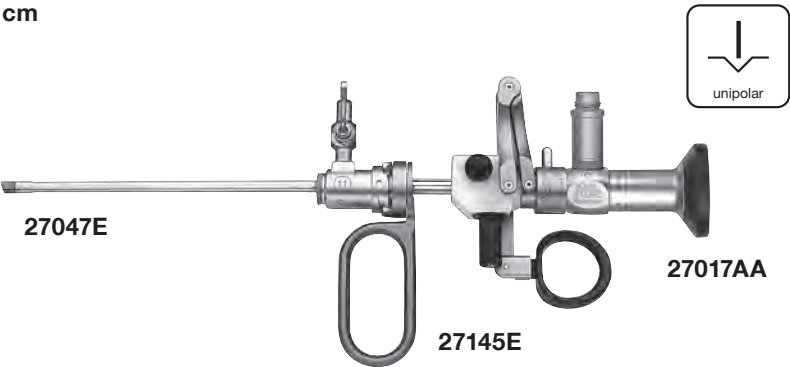
27047CK

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
	27147EG	Cutting Loop , angled
	27147EL	Coagulation Electrode , angled, blunt
	27147EP	Coagulation Electrode , hook-shaped, ball end
	27147EQ	Coagulation Electrode , hook-shaped, without ball end
	27147ER	Coagulation Electrode , 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



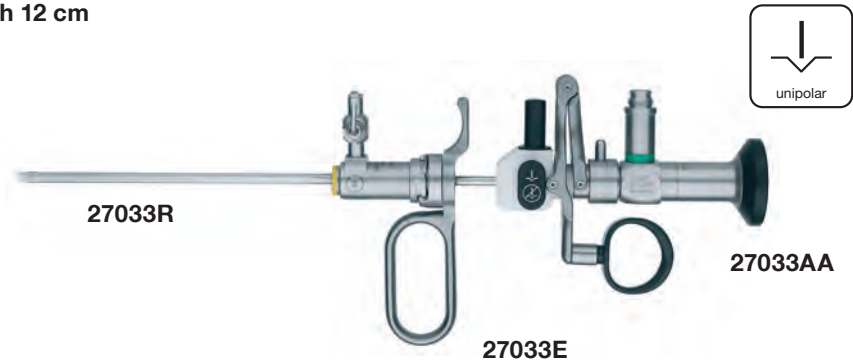
27047EK

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	Cutting Loop , angled
	27033EL	Coagulation Electrode , angled, blunt
	27033EP	Coagulation Electrode , hook-shaped, ball end
	27033EQ	Coagulation Electrode , hook-shaped, without ball end
	27033ER	Coagulation Electrode , 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

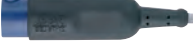
**Unipolar High Frequency Cords, for use with
Working Elements 27050C, 27050D, 27050E, 27050EP, 27050DP,
27054E, 27053E and 27033E**



KARL STORZ Instrument	High Frequency Surgical Unit		
		277	Unipolar High Frequency Cord , with 4 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type, older models
		277A	Unipolar High Frequency Cord , with 4 mm plug, length 300 cm, compatible with Martin HF units
		277KE	Unipolar High Frequency Cord , with 5 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe ICC units
		277KB	Unipolar High Frequency Cord , 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		
		UH801	Bipolar High Frequency Cord , for KARL STORZ AUTOCON® III 400, length 400 cm, with RFID coding system, reusable 20 times, for use with KARL STORZ bipolar resectoscopes
		27176LEB	Bipolar High Frequency Cord , 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.

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
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Photodynamic Diagnosis (PDD)

HOPKINS® Telescopes	110-111
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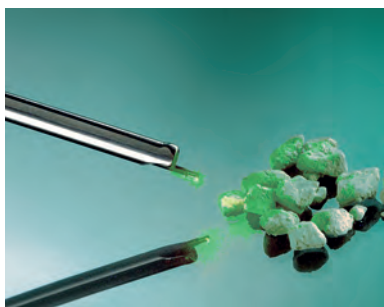
CALCULASE® III SCB

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.



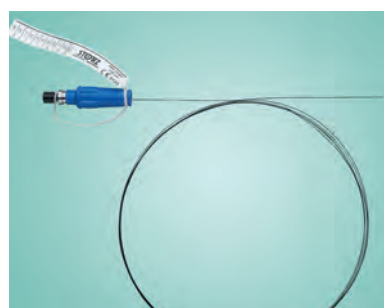
Optimized pulse modes

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.



- 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

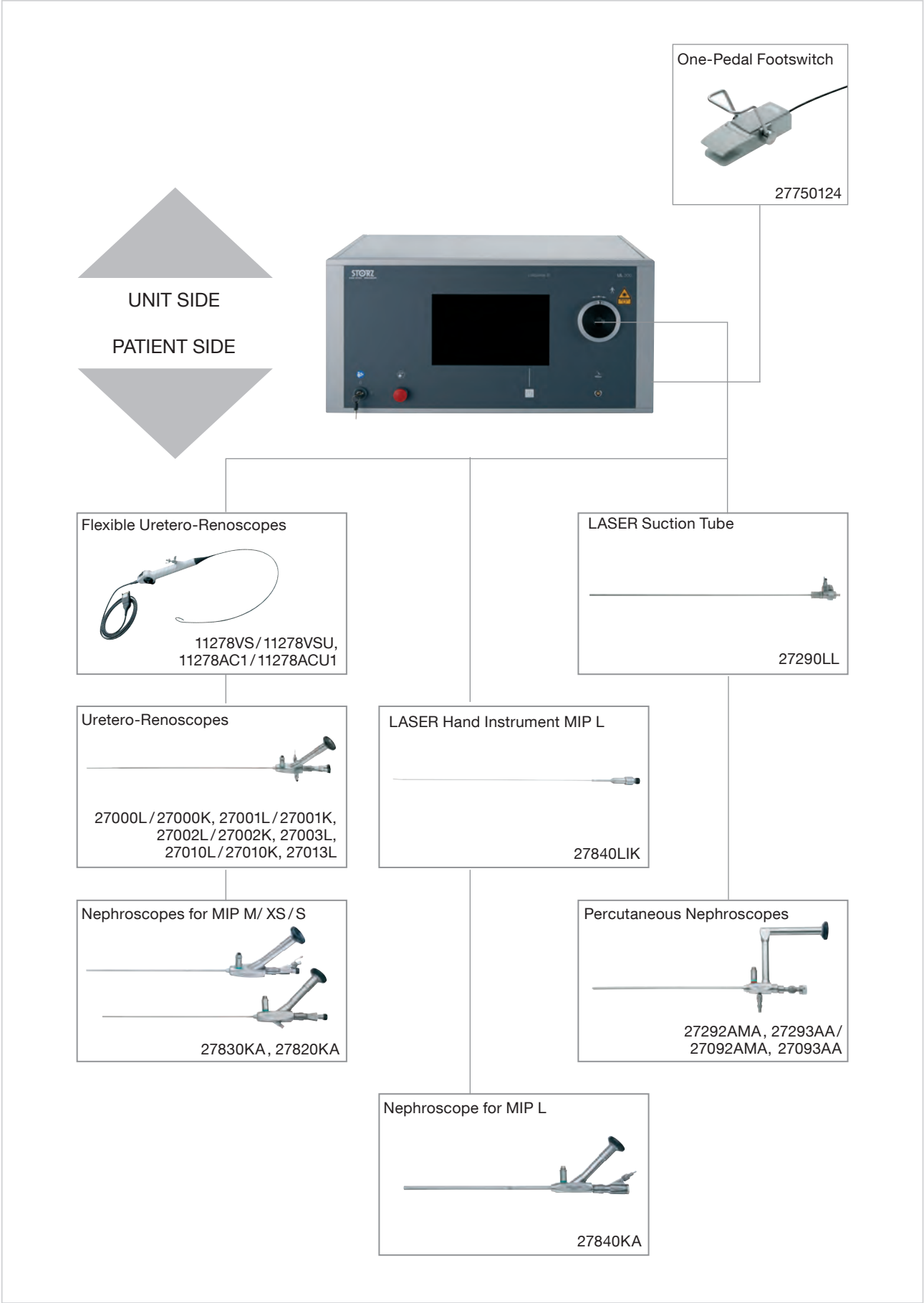
27750095

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
Pulse short	4 – 30 Hz	0.2 – 2 J	4 – 30 Hz	0.2 – 2 J
Pulse long	4 – 15 Hz	0.6 – 2 J	4 – 15 Hz	0.6 – 4 J
Pulse burst	4 – 10 Hz	0.6 – 2 J	4 – 10 Hz	0.6 – 4 J

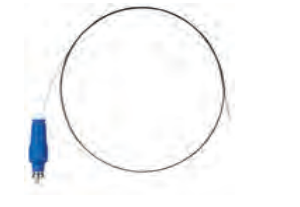
For the exact parameter settings for fibers, see instruction manual



Fiber Sets, reusable

	UL007S5	CALCULASE® III Fiber 230 µm , sterile, reusable, length 300 cm, package of 6
	UL008S5	CALCULASE® III Fiber 365 µm , sterile, reusable, length 300 cm, package of 6
	UL009S5	CALCULASE® III Fiber 600 µm , sterile, reusable, length 300 cm, package of 6

Fiber Sets, for single use

	UL004S5	CALCULASE® III Fiber 230 µm , sterile, for single use, length 300 cm, package of 6
	UL005S5	CALCULASE® III Fiber 365 µm , sterile, for single use, length 300 cm, package of 6
	UL006S5	CALCULASE® III Fiber 600 µm , sterile, for single use, length 300 cm, package of 6

Optional Products

	27750280	Fiber Stripper Set , sterilizable, for use with CALCULASE® fibers Included in delivery: 27750281 Fiber Stripper , 230 µm 27750282 Fiber Stripper , 356 µm 27750283 Fiber Stripper , 600 µm 27750284 Ceramic Knife 27750285 Silicone Pad
	27750095	Safety Goggles Ho:YAG LASER , 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



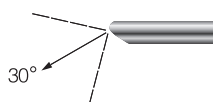
Top Cover for COR Mobile Stand, dimensions (w x h x d): 158.5 x 15 x 110 mm

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

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

Continuous-Flow LASER Cystoscope 23 Fr.

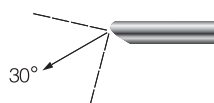
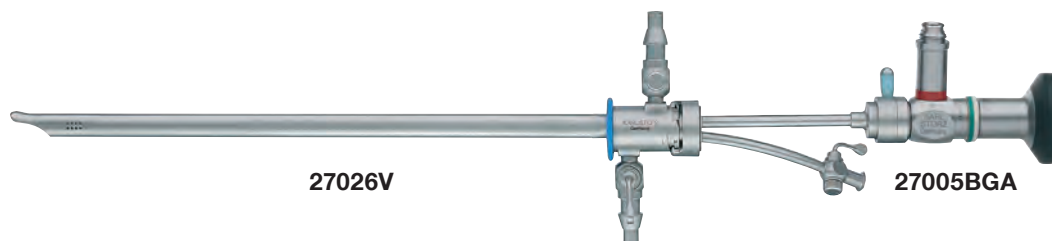
Special Features:

- 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



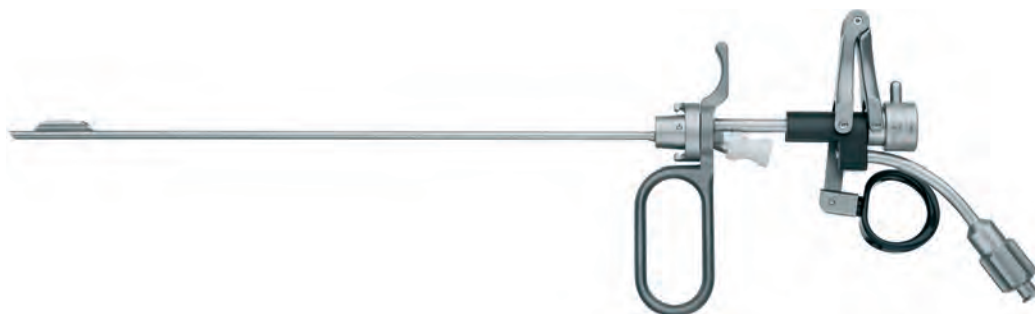
27026VY

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

LASER Working Elements

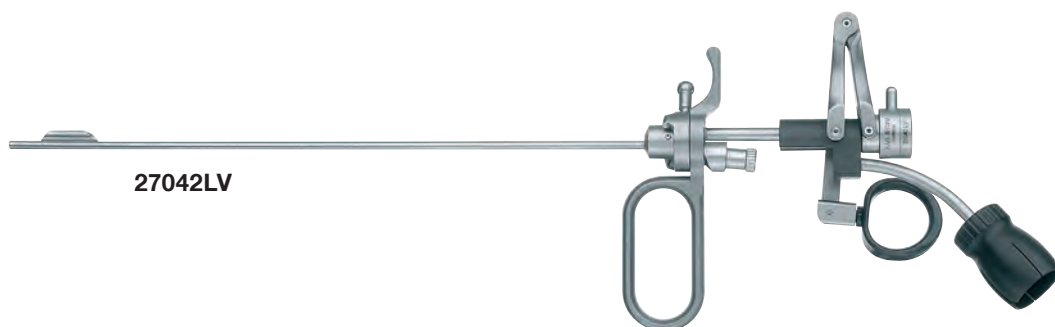
for vaporization

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

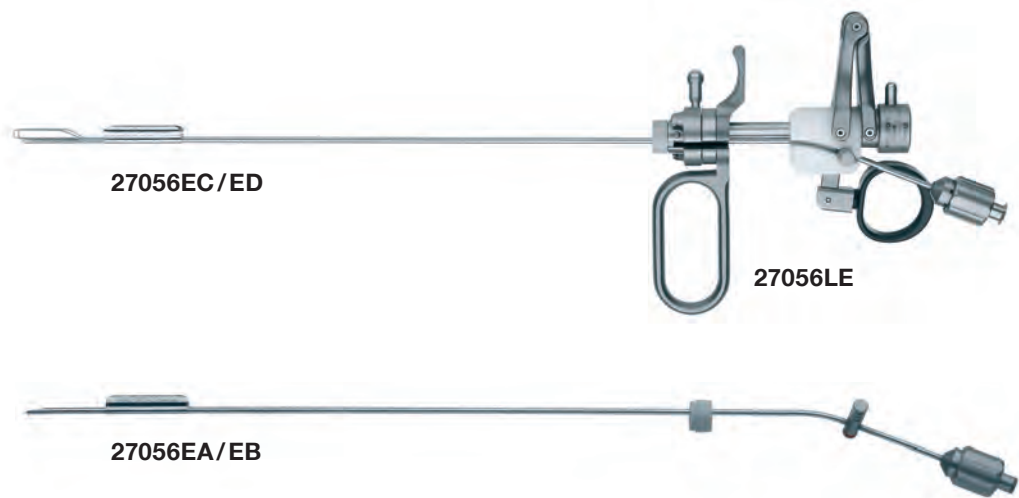
39042RA

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

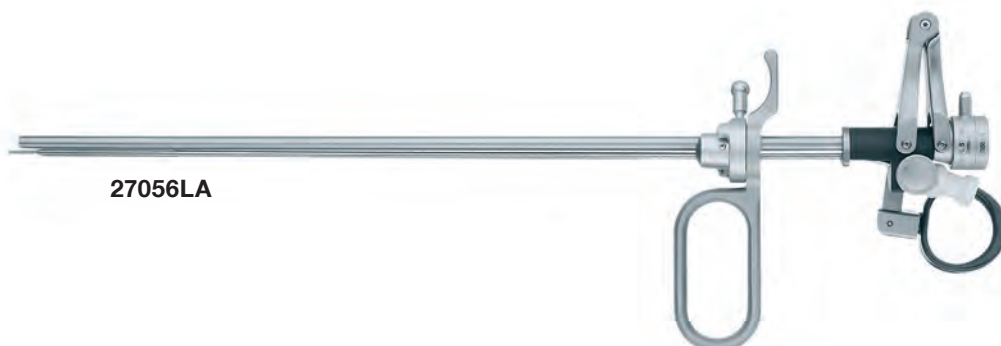


- | | |
|----------------|---|
| 27056LE | LASER Working Element , for use with exchangeable LASER guide probes with 24/26 Fr. resectoscope sheaths |
| 27056EA | LASER Guide Probe , inner diameter 0.8 mm, exchangeable, for use with LASER Working Element 27056LE |
| 27056EB | LASER Guide Probe , inner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

Curettes, 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:

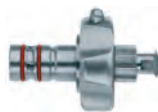
- Rapid coupling for blade fixation
- Central, straight suction channel
- Suitable for use in a cleaning machine and autoclavable up to 134° C
- Activation via the footswitch of the UNIDRIVE® S III motor system



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 **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

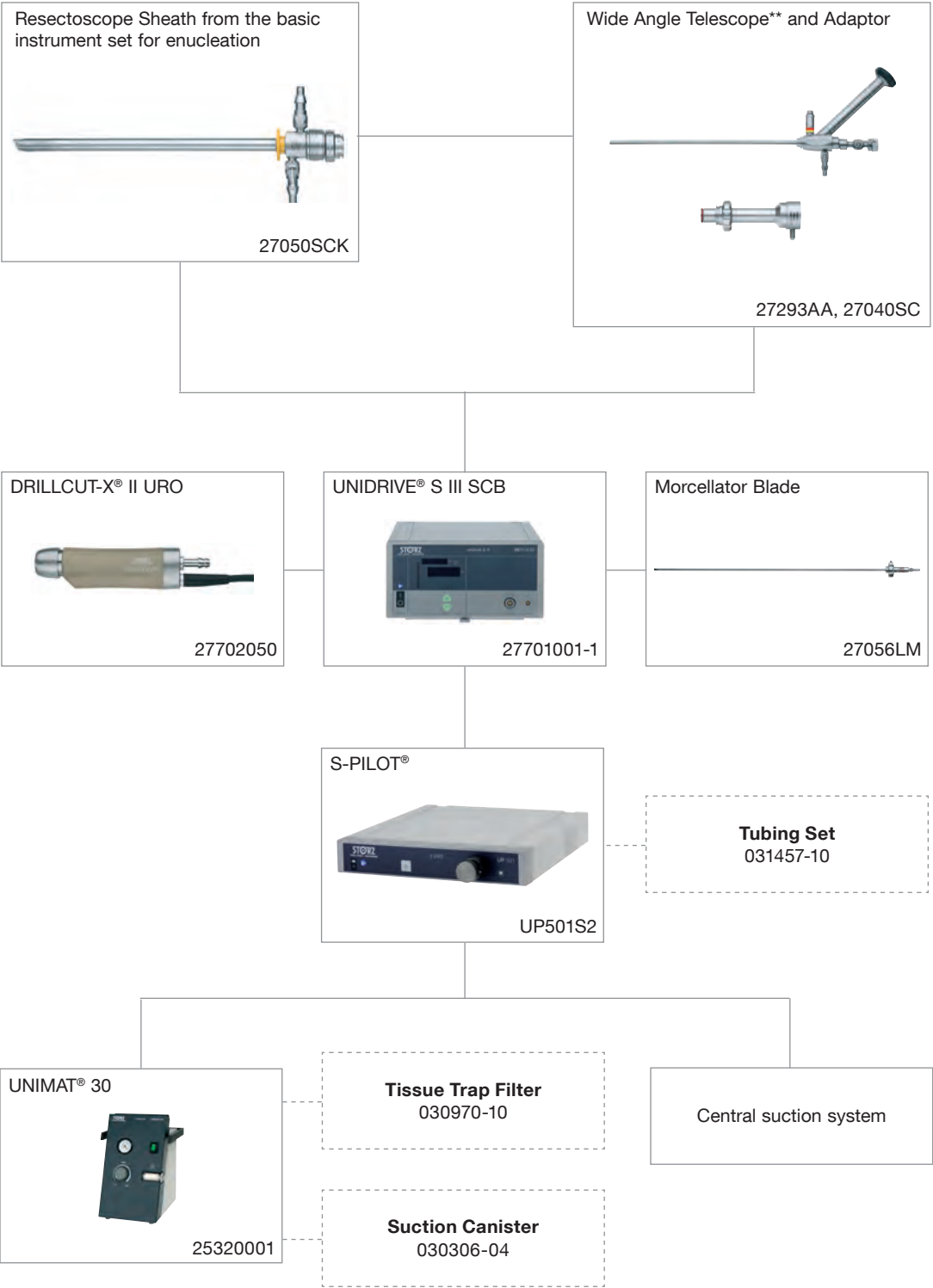
Specifications

Operation mode	oscillating (morcellator)	Dimensions w x h x d	305 x 165 x 233 mm
Max. rpm	40,000 (rpm) Blade 500 – 5000 (rpm)	Weight	4 kg
Power supply	100-120/230-240 VAC, 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

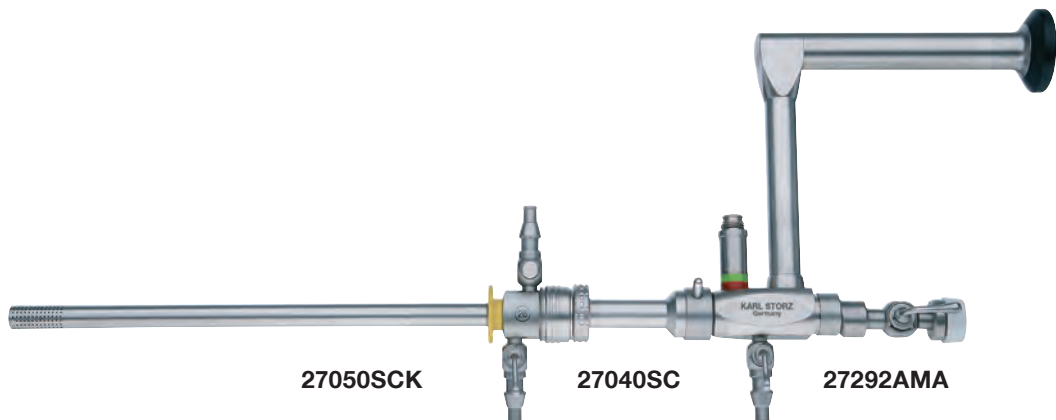
Overview



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

Morcellator System for Urology

Telescopes, Sheaths and Adaptor



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

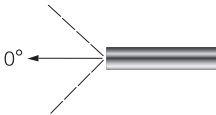
27293AA

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

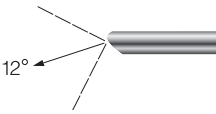
HOPKINS® Telescopes for Photodynamic Diagnosis (PDD)

Fiber optic light transmission incorporated



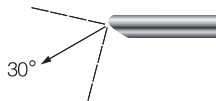
27005AIA

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



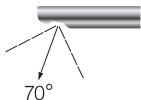
27005FIA

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

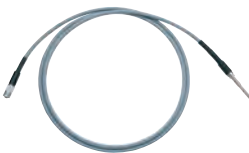
HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 4 mm, length 30 cm, **autoclavable**, for photodynamic diagnosis (PDD), fiber optic light transmission incorporated, special filter, color code: red



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):



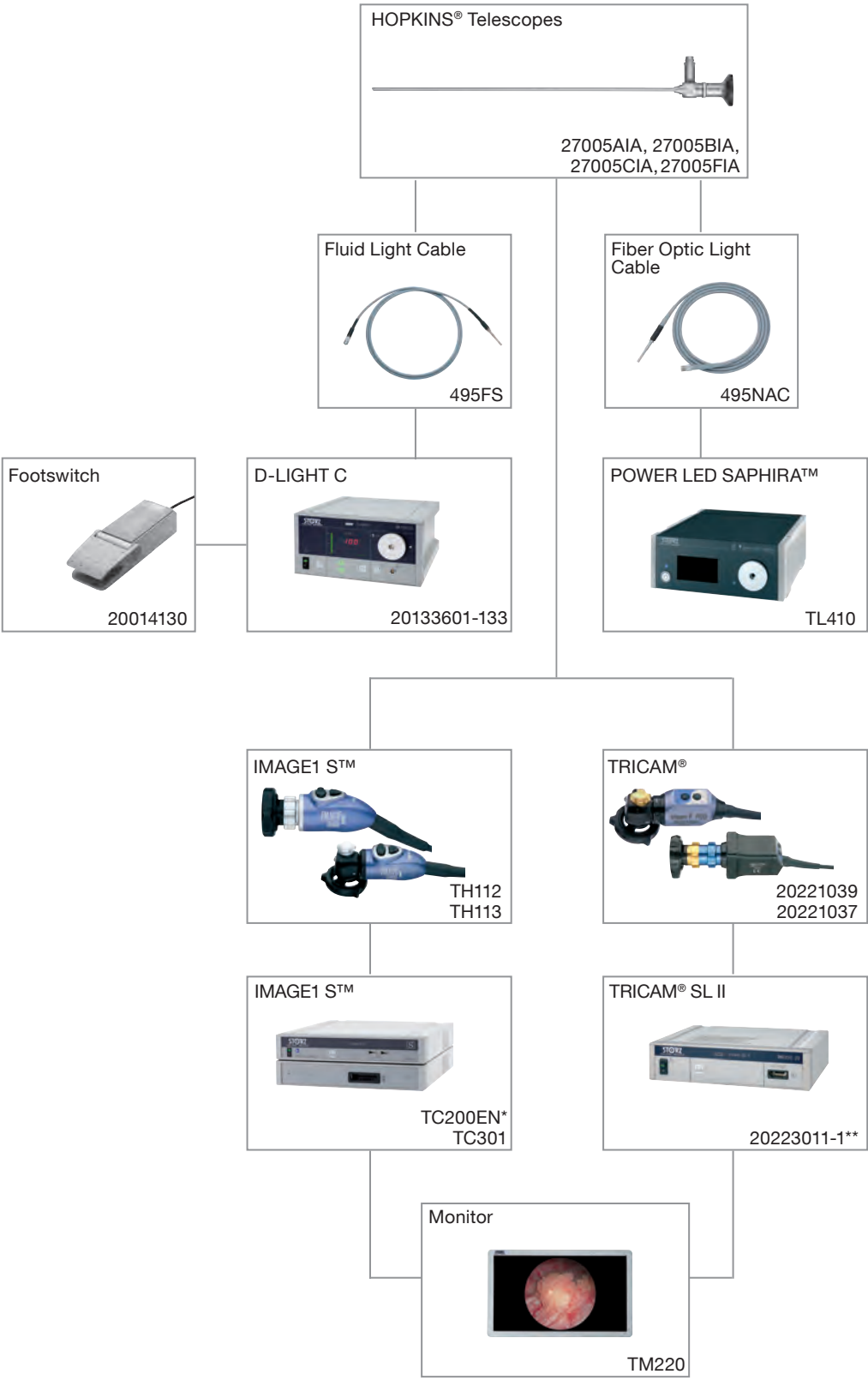
495FS

Fluid Light Cable, diameter 2 mm, length 220 cm

HOPKINS® Telescopes 27005AIA, 27005BIA, 27005CIA, 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

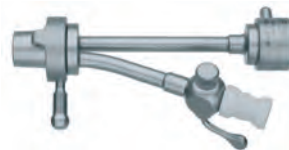
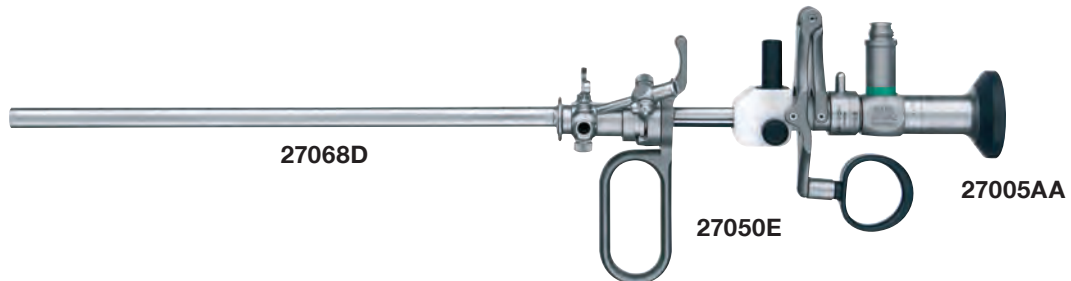
** Approved for distribution only in certain countries

05 Urethrotomes

Visual Urethrotomes	114-118
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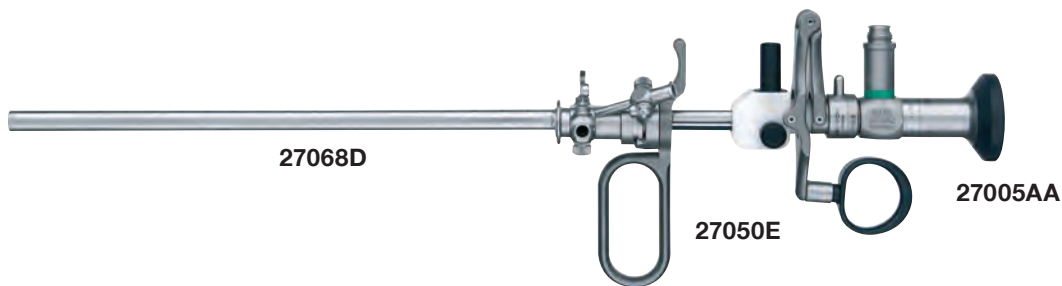
Urethrotome-Meatotome	119
-----------------------	-----

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



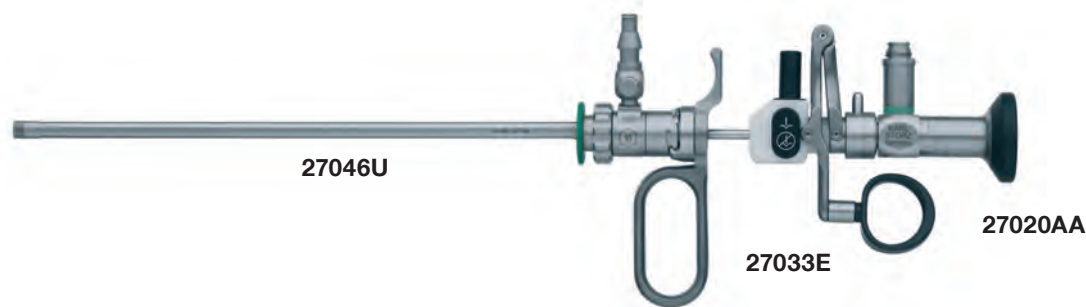
- | | |
|---------|----------------------------------|
| 27069K | SACHSE Knife, straight |
| 27069KS | Cold Knife, hook-shaped |
| 27069L | Cold Knife, round |
| 27069M | LUDVIK Knife, straight, serrated |
| 27069P | Cold Knife, ring-shaped |



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

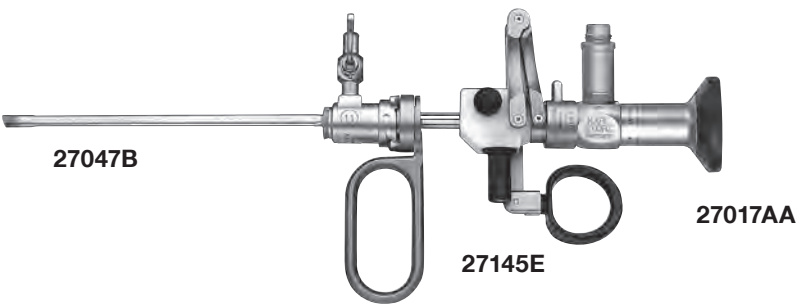
27046KS **Cold Knife**, hook-shaped



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

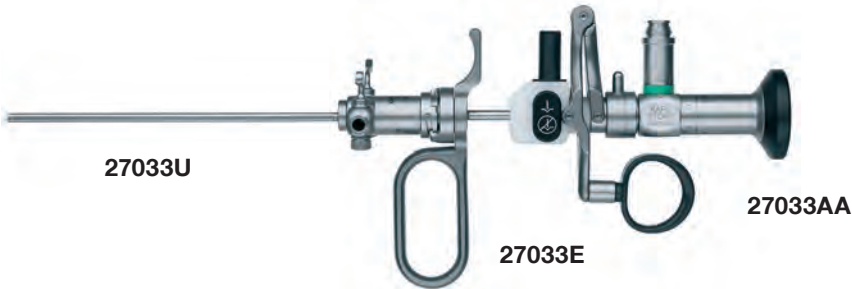


280 **Protection Tube**, for sterilization and storage of electrodes, loops,
curettes and knives

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

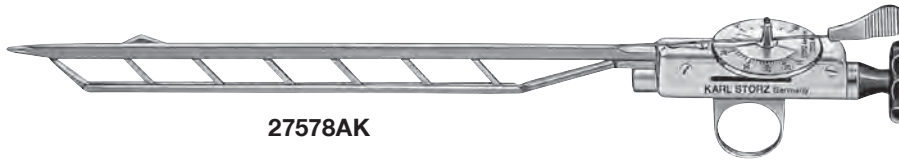
27033X **Cold Knife**, hook-shaped

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**

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 »intelect« 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 straightforward alignment check of the C-arm and lithotripter.

The MODULITH® SLK »intelect«, 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 »intelect« 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

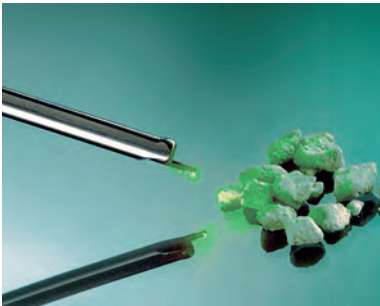
LASER system for endoscopic stone therapy
and soft tissue treatment

STORZ
KARL STORZ — ENDOSKOPE



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

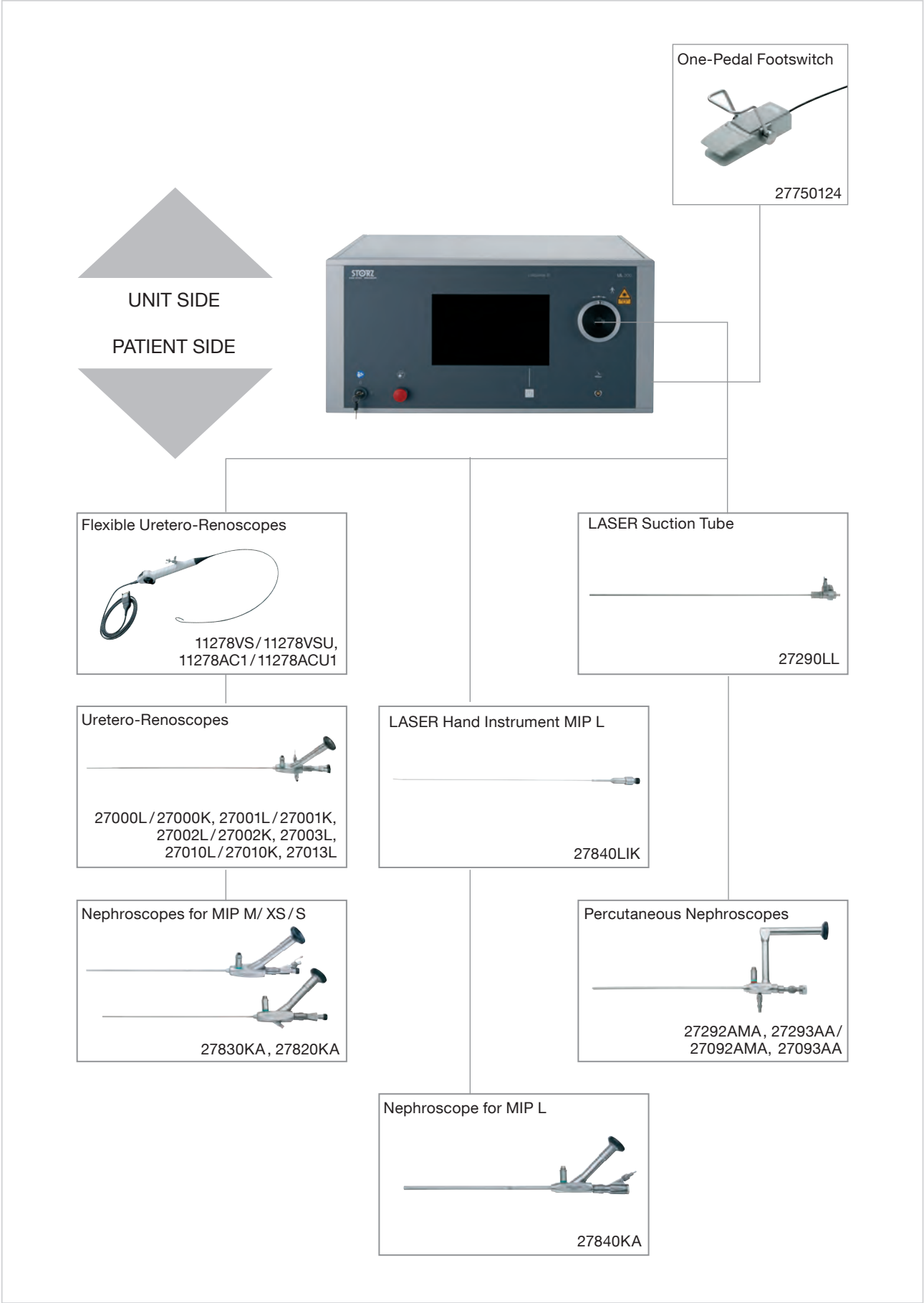
Included in delivery:

- 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
Pulse short	4 – 30 Hz	0.2 – 2 J	4 – 30 Hz	0.2 – 2 J
Pulse long	4 – 15 Hz	0.6 – 2 J	4 – 15 Hz	0.6 – 4 J
Pulse burst	4 – 10 Hz	0.6 – 2 J	4 – 10 Hz	0.6 – 4 J

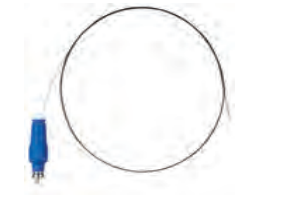
For the exact parameter settings for fibers, see instruction manual



Fiber Sets, reusable

	UL007S5	CALCULASE® III Fiber 230 µm , sterile, reusable, length 300 cm, package of 6
	UL008S5	CALCULASE® III Fiber 365 µm , sterile, reusable, length 300 cm, package of 6
	UL009S5	CALCULASE® III Fiber 600 µm , sterile, reusable, length 300 cm, package of 6

Fiber Sets, for single use

	UL004S5	CALCULASE® III Fiber 230 µm , sterile, for single use, length 300 cm, package of 6
	UL005S5	CALCULASE® III Fiber 365 µm , sterile, for single use, length 300 cm, package of 6
	UL006S5	CALCULASE® III Fiber 600 µm , sterile, for single use, length 300 cm, package of 6

Optional Products

	27750280	Fiber Stripper Set , sterilizable, for use with CALCULASE® fibers Included in delivery: 27750281 Fiber Stripper , 230 µm 27750282 Fiber Stripper , 356 µm 27750283 Fiber Stripper , 600 µm 27750284 Ceramic Knife 27750285 Silicone Pad
	27750095	Safety Goggles Ho:YAG LASER , 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

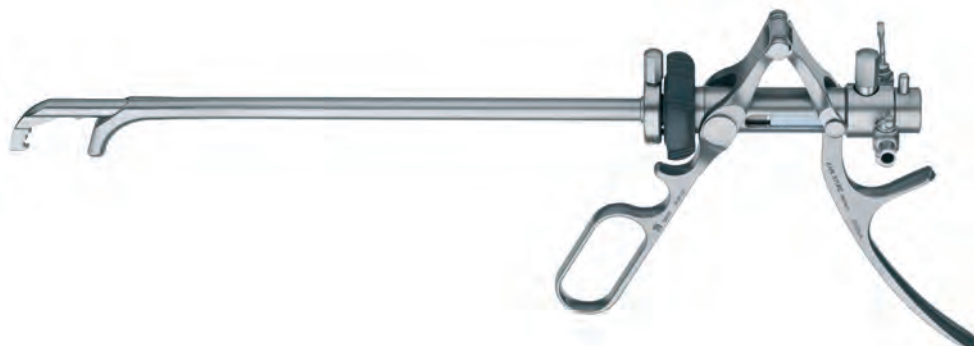
27074SZ

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

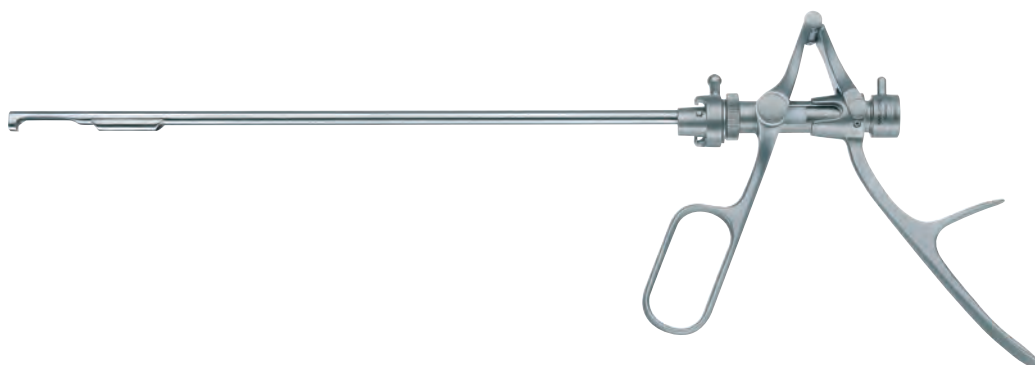


27076AK

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

07 Optional Components

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



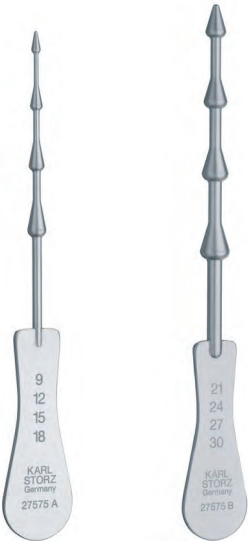
OTIS Bougies à Boule

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

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.



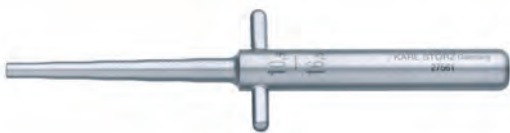
27618

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.



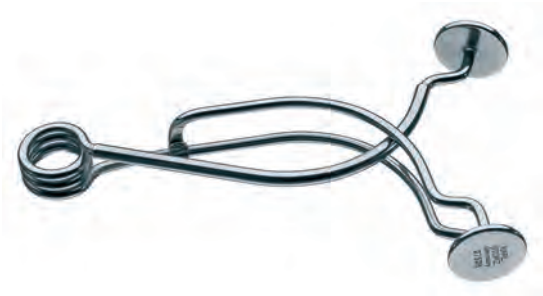
27572A-O

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

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

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

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



27528 STOCKMANN Meatus Clamp



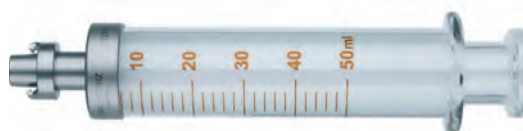
27529 STRAUSS Meatus Clamp



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

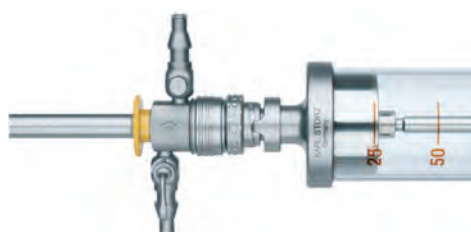
27218EL

Spare Barrel, for use with Syringe 27218LO



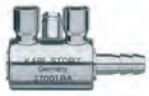
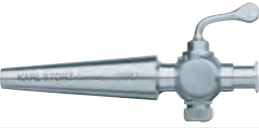
27220

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.

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

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:

094203	LED Headlight KS70
094207	Control Unit
094208	Rechargeable Battery Box
2x 094224	Battery Pack
094229	Charger USB
078770	Headband
078513	Neoprene Cushion , 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:

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

09 Percutaneous Nephroscopes

Cannulas and Dilation Sets	146
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MIP – Minimally Invasive 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



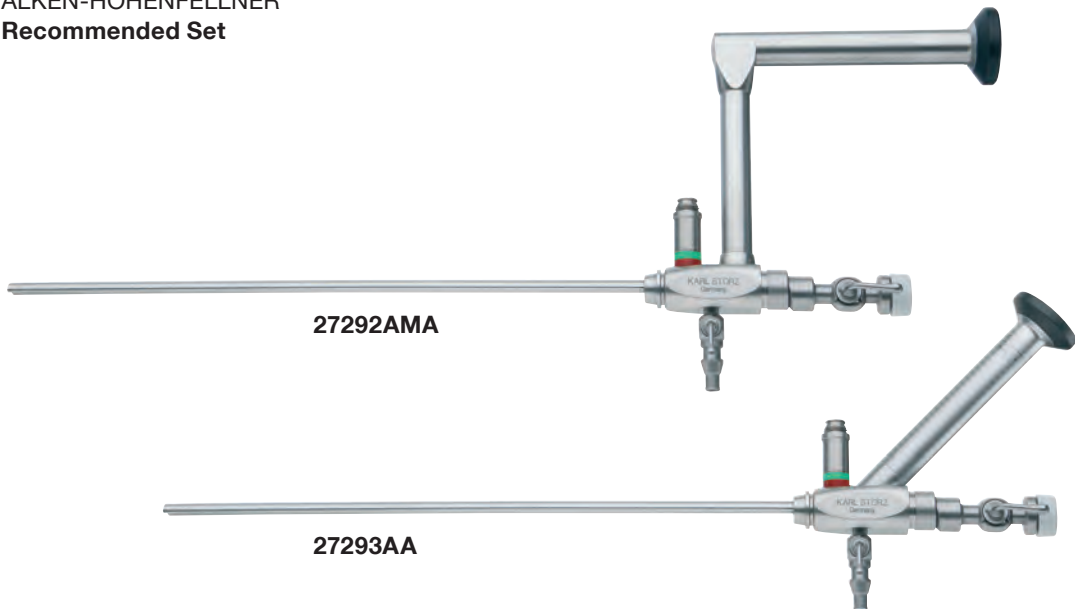
27091A

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

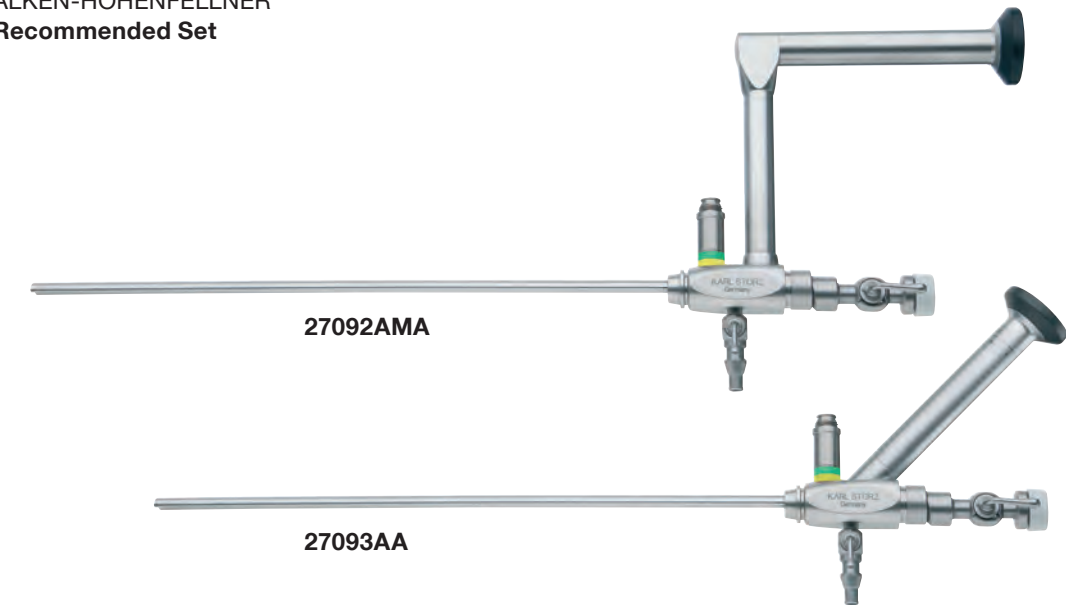


27040SC **Adaptor**, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27050SC and 27050SD

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** **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

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

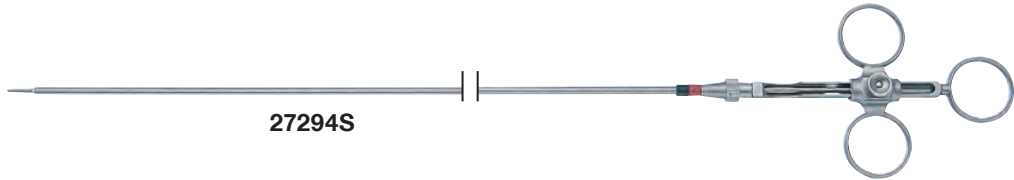
Forceps, for grasping larger stones and stone fragments, with serrated jaws and ring handle, double action jaws, 10.5 Fr., length 38 cm, color code: red-black



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



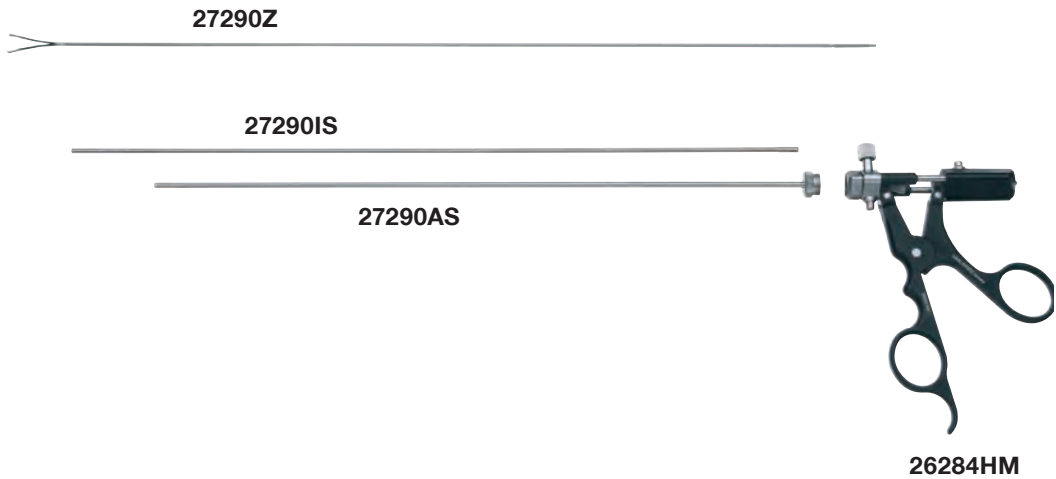
27290LL

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

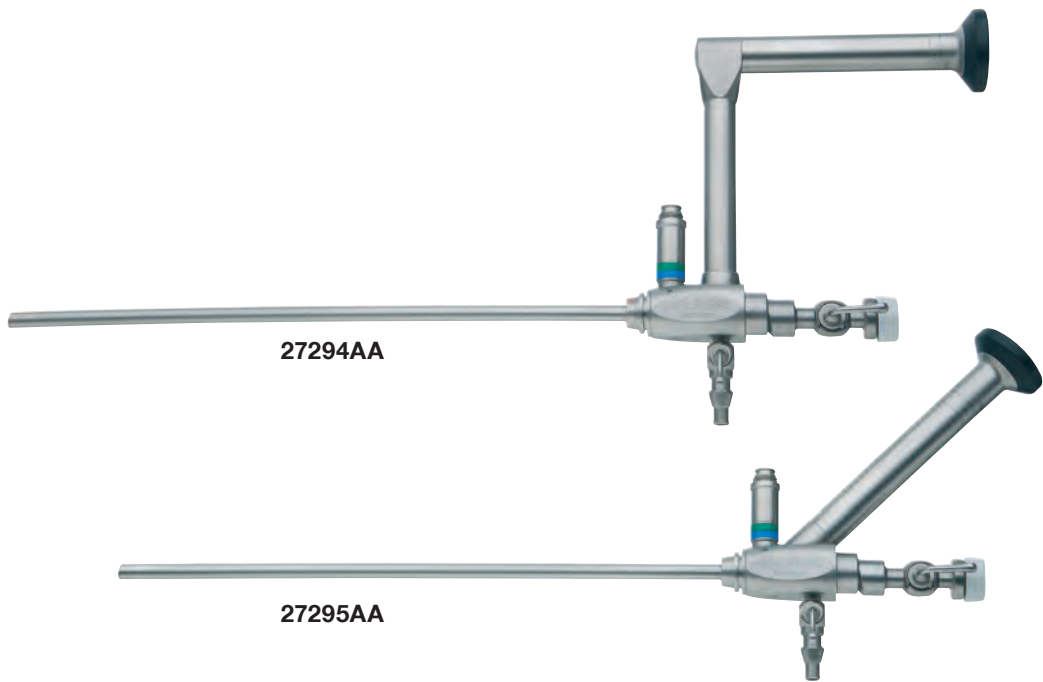
Bipolar PCN Forceps, Set, with serrated jaws for stone retrieval, coagulation surfaces on outside of jaws for tract coagulation, 10.5 Fr., length 36 cm

The following items are included in delivery:

- | | |
|----------------|---|
| 27290AS | Outer Sheath , for bipolar PCN forceps, size 10.5 Fr., length 36 cm, for use with Inner Sheath 27290IS and Forceps Insert 27290Z |
| 27290IS | Inner Sheath , for bipolar PCN forceps, length 36 cm, for use with Outer Sheath 27290AS and Forceps Insert 27290Z |
| 27290Z | Forceps Insert , 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 |
| 26284HM | TAKE-APART® Bipolar Ring Handle , for bipolar instruments, with LUER-Lock connector for cleaning |

Percutaneous Nephroscopes, “Slender” Model

with continuous irrigation and suction



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



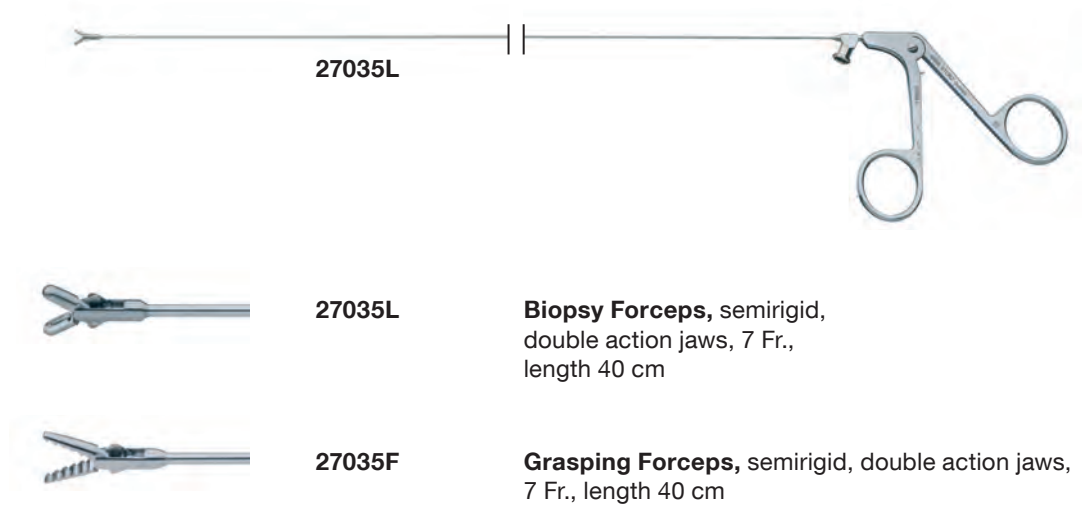
27294N

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

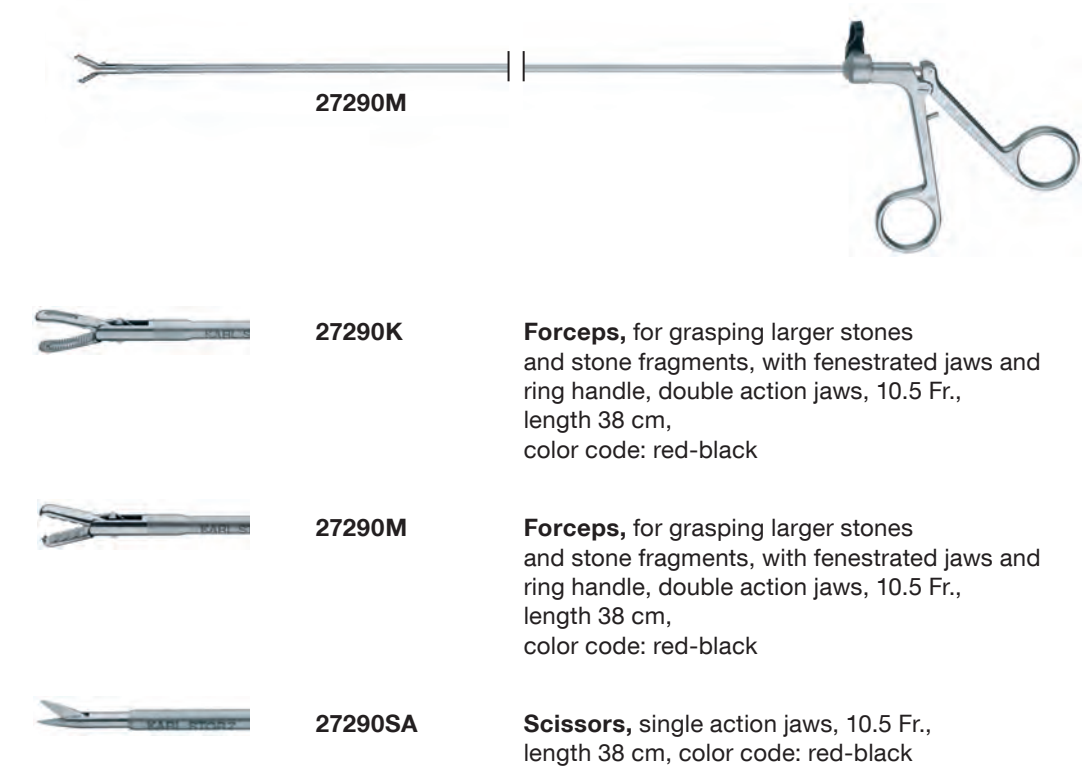
Operating Instruments

for use with HOPKINS® telescopes

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



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



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

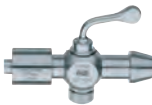
The following products are included in delivery:



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



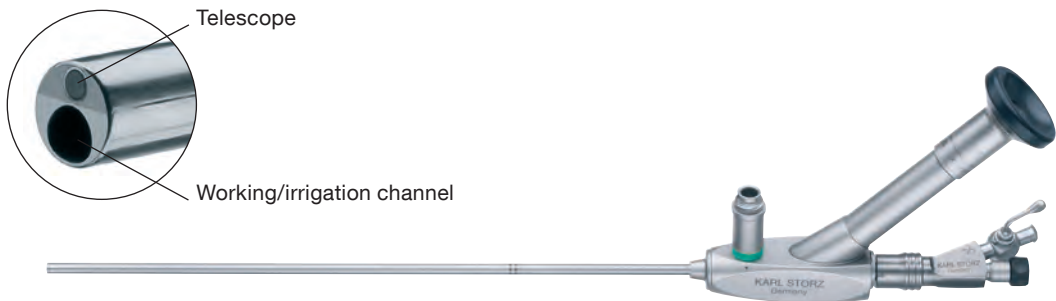
27840CF

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



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

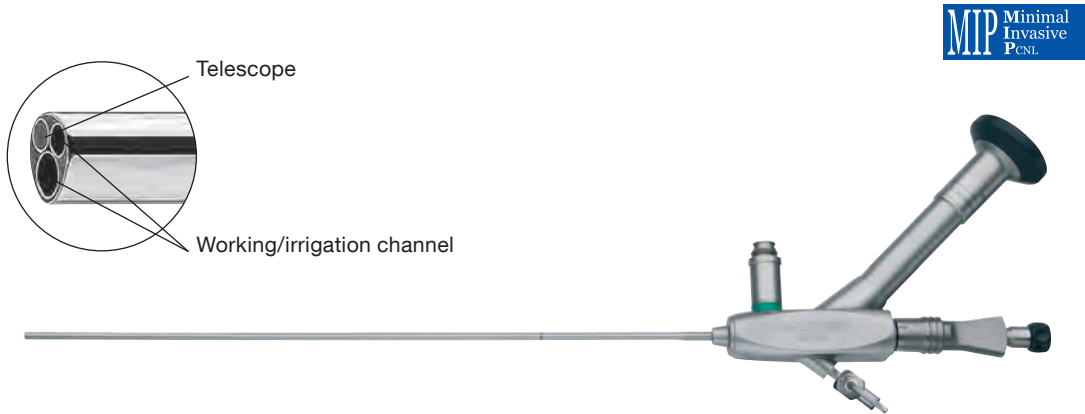


27830CF

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

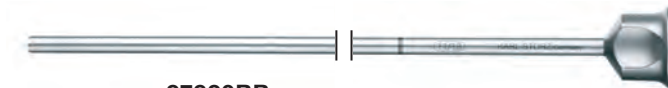
Operating Sheath, for the supine position, 8.5/9.5 Fr., working length 18 cm

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



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

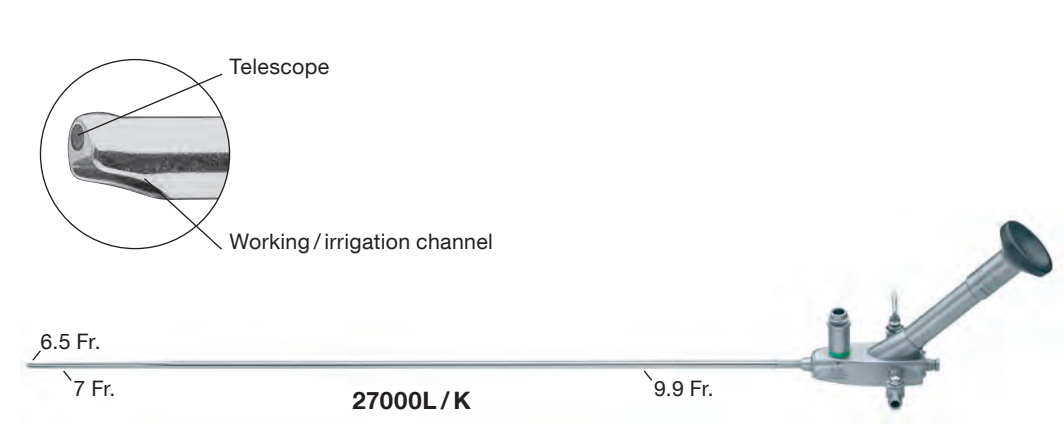
Uretero-Renoscope, 7 Fr.	168, 172
Uretero-Renoscope, 8 Fr.	169
Uretero-Renoscope, 9.5 Fr.	170-171
GAUTIER Uretero-Renoscope, 8 Fr.	173
Uretero-Renoscope, 7.3 Fr.	174
Optional Components	175-177
Instruments	178-181
PÈREZ-CASTRO Uretero-Renoscope, 12 Fr.	182-183

With distal chip technology and fiber optics, flexible

Cysto-Urethro-Fiberscopes FLEX-X ²	184-185
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Uretero-Renoscope, Ureteroscope
Rigid

7 Fr., lengths 43 and 34 cm



- 27000LK

Uretero-Renoscope, Set, autoclavable, length 43 cm
- 27000KK

Ureteroscope, 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

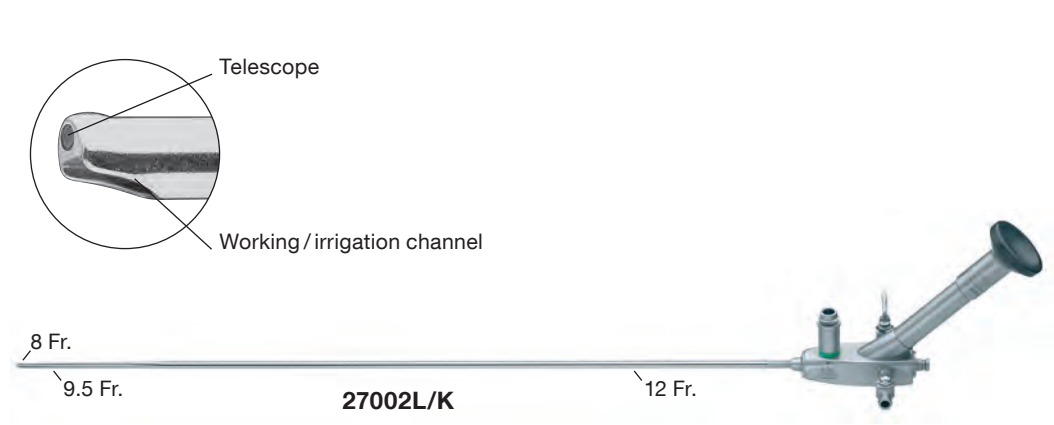
Uretero-Renoscope, Set, autoclavable, length 43 cm
- 27001KK

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

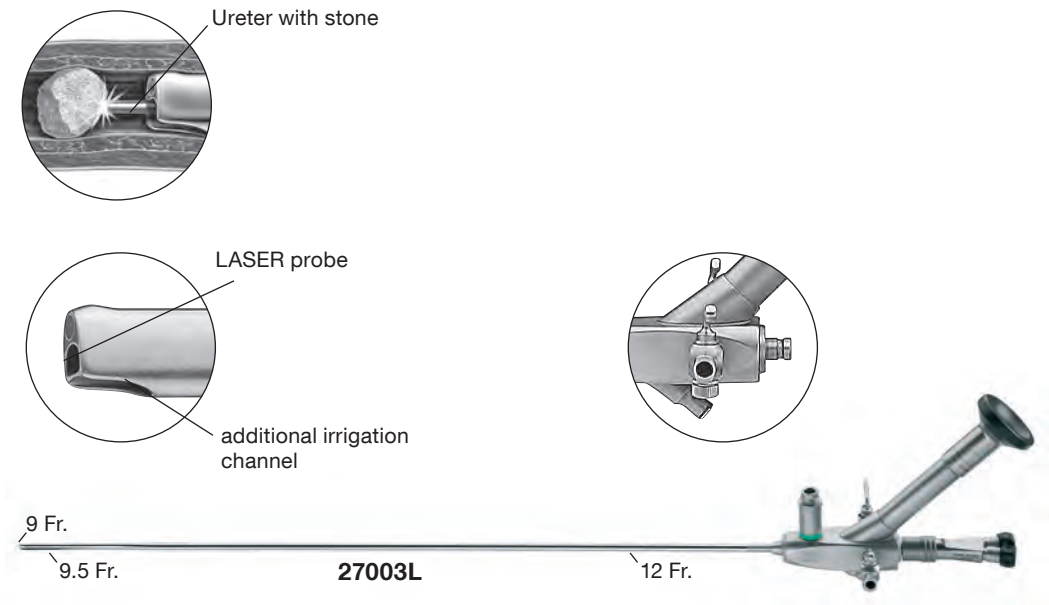
Specifications

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 2 and 3 Fr. instruments and probes
Telescope	Fiber optic system, direction of view 6°
Length	43 cm
Eyepiece	angled, rigid

7 Fr., lengths 43 and 34 cm



- 27010LK

Uretero-Renoscope, Set, autoclavable, length 43 cm
- 27010KK

Ureteroscope, Set, autoclavable, length 34 cm

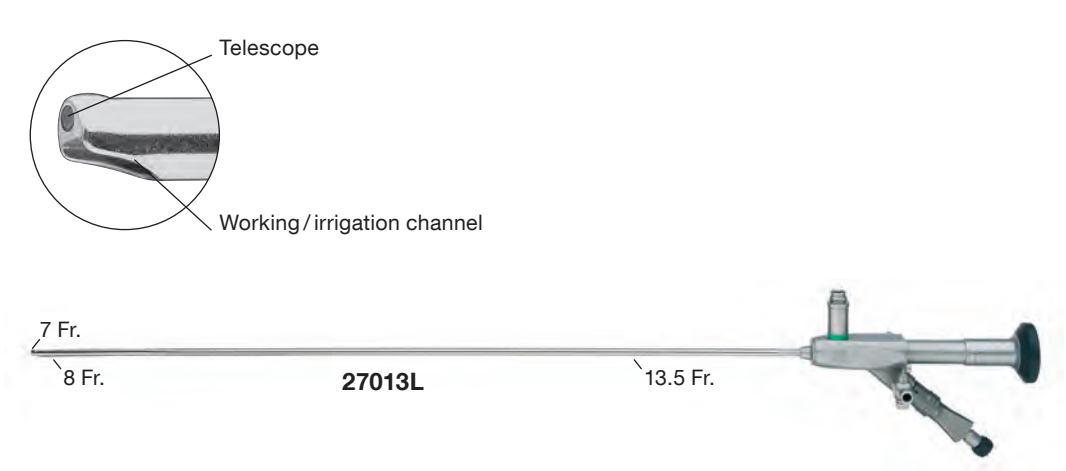
Specifications

Distal tip	7 Fr.
Instrument sheath	7 Fr., 1 step, conical, 8.4 – 9.9 Fr.
Working channel	3.4 Fr., for use with instruments up to 3 Fr.
Separate irrigation 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



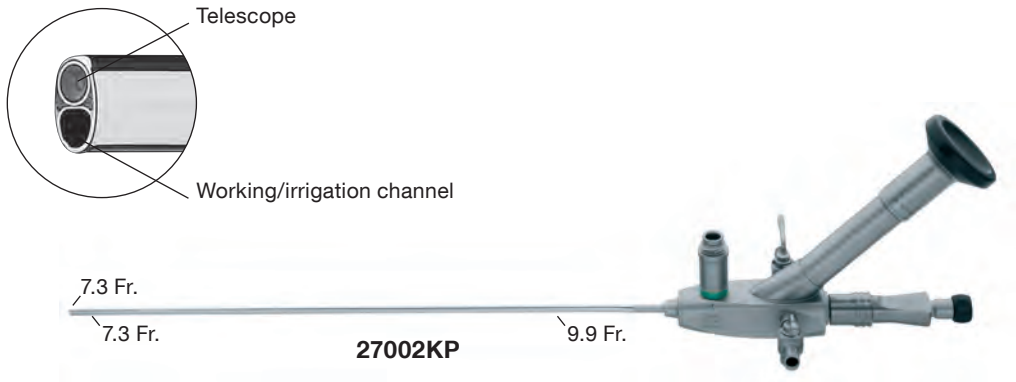
27013LK

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

Specifications

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

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

The following accessories are included in delivery:

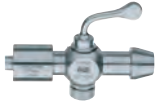
	27001G	Instrument Port with Sealing System and Quick Release Lock, 1 channel
	27550N	Seal, for Instrument Ports 27001G, 27001G, 27001GH, 27001GP, package of 10
	27500	LUER-Lock Tube Connector, male, tube diameter 9 mm
	27502	LUER-Lock Tube Connector, with stopcock, dismantling
	27504	Flow Control Stopcock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

Optional accessories:

	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 27010L, 27010K

The following accessories are included in delivery:

	27014Y	LUER-Adaptor , with seal
	11014Y	Fiber Fixation , instrument port for the insertion and fixation of LASER fibers, stone baskets, wires etc. in flexible endoscopes
	27550N	Seal , for Instrument Ports 27001G, 27001G, 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
	39501X	Wire Tray for Cleaning, Sterilization and Storage , external dimensions (w x d x h): 644 x 150 x 80 mm

For use with 27002KP

The following accessories are included in delivery:

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

Optional accessories:

	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 27000L, 27000K, 27001L and 27001K



27424F

Forceps, rigid, for grasping stone fragments, double action jaws, 4 Fr., length 60 cm, color code: blue



27424P

Forceps, rigid, for grasping larger stones and fragments, double action jaws, 4 Fr., length 60 cm, color code: blue



27424Z

Biopsy Forceps, rigid, double action jaws, 4 Fr., length 60 cm, color code: blue



27424R

PÉREZ-CASTRO Forceps, rigid, for long jaws, for Steinstrasse, double action jaws, 4 Fr., length 60 cm, color code: blue



27424U

Splitting Forceps, rigid, cutting upwards, single action jaws, 4 Fr., length 60 cm, color code: blue



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 27010L, 27010K, 27003L and 27002KP



27023FM

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



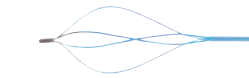
27023TD

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

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



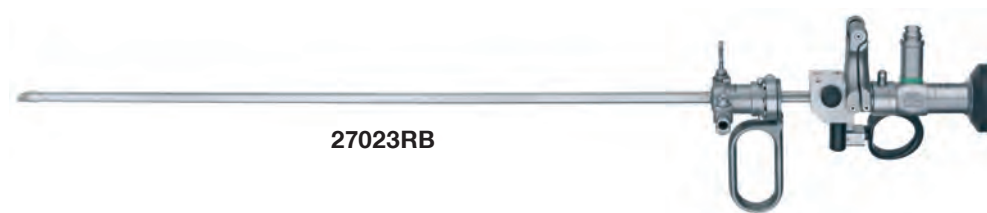
Distal tip	12 Fr., color code: yellow	Instrument description
	27123L	Cutting Loop, angled
	27123M	Coagulation Electrode, knife-shaped

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)

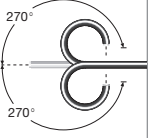


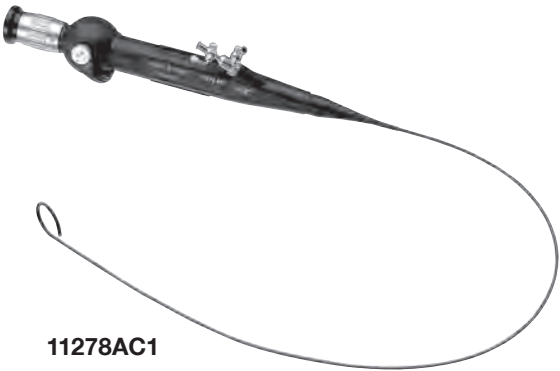
280L

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

7.5 Fr



Order no.	Cysto-Urethro-Fiberscopes FLEX-X ²	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						



11278AC1

- 11278ACK1

Cysto-Urethro-Fiberscope Flex-X², 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-X², 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:

	27677A	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

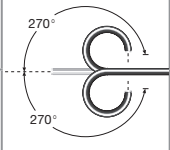
Optional accessories:

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

Video Uretero-Renoscopes FLEX-X^c, 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						



- 11278VSK

Video Uretero-Renoscope FLEX-X^c, Set, steerable, compatible with IMAGE1 STM, 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^c, Set, steerable, compatible with IMAGE1 STM, 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 STM Camera Control Unit.

Video Uretero-Renoscopes FLEX-X^c, 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, flexible



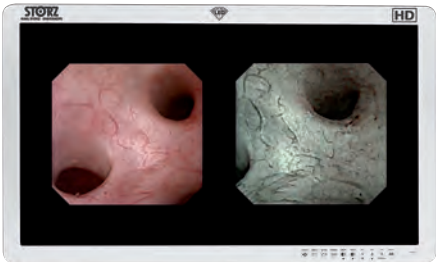
11278VS, 11278VSU

IMAGE1 STM Camera System



TC200EN**/TC201EN**
TC301

Monitor



TM220

* Available in the following languages: DE, ES, FR, IT, PT, RU

Video Uretero-Renoscopes FLEX-X^{C1}, 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^C
- Visualization modes and/or S-Technologies
- Documentation via IMAGE1 S™
- Product is sterile on delivery and ready for immediate use

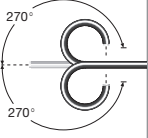


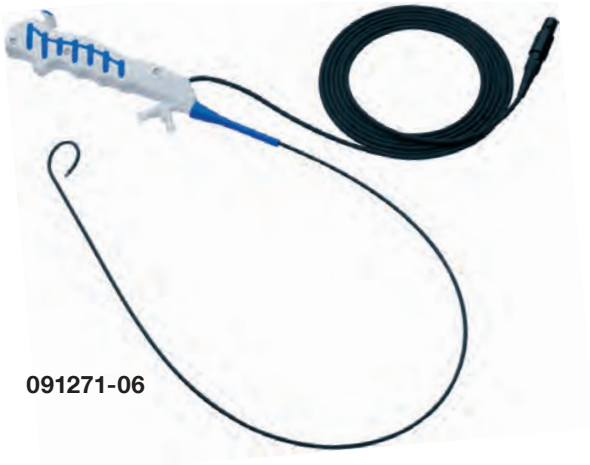
Video Uretero-Renoscopes FLEX-X^{C1}, flexible

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						



- 091271-06

Video Uretero-Renoscope FLEX-X^{C1}, 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^{C1}, 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^{C1}, 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



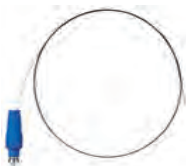
27023LB

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

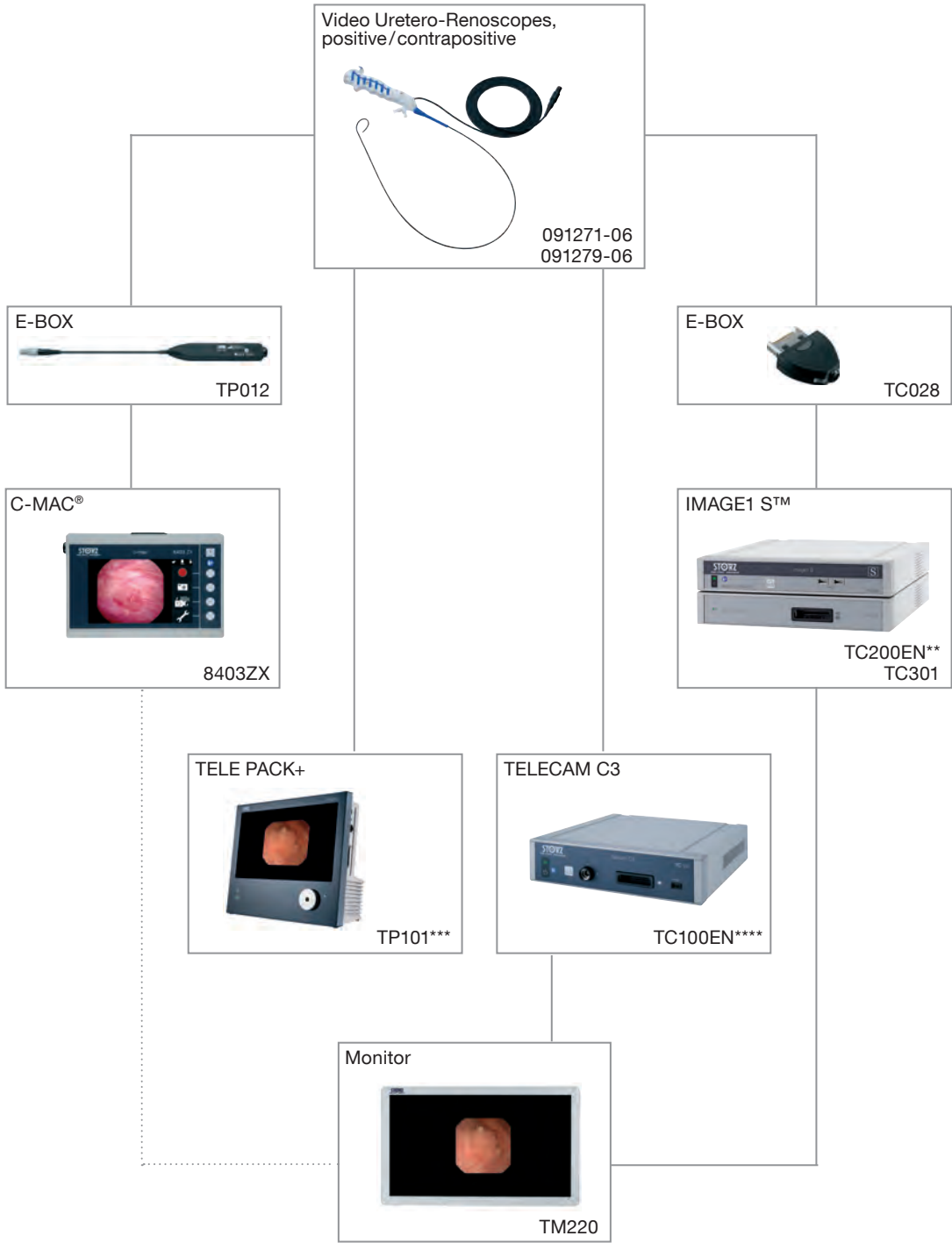


11014Y

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

Video Uretero-Renoscopes FLEX-X^{C1}, flexible

Overview

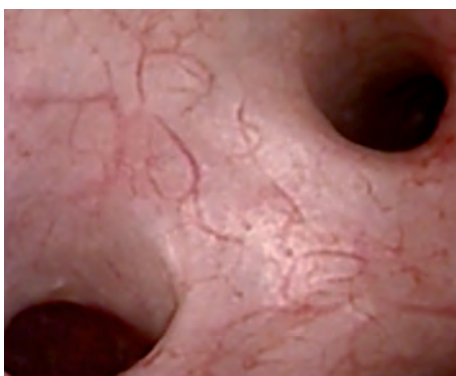


** Available in the following languages: DE, ES, FR, IT, PT, RU

*** Compatible as of Software Version 2.1

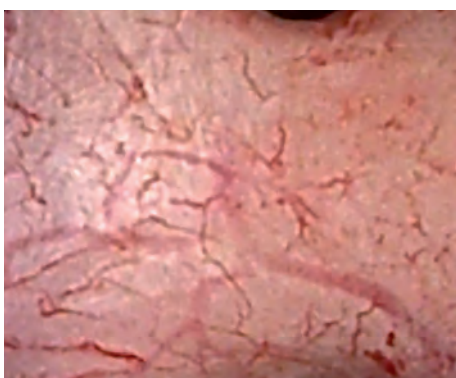
**** Compatible as of Software Version 1.1

IMAGE1 S



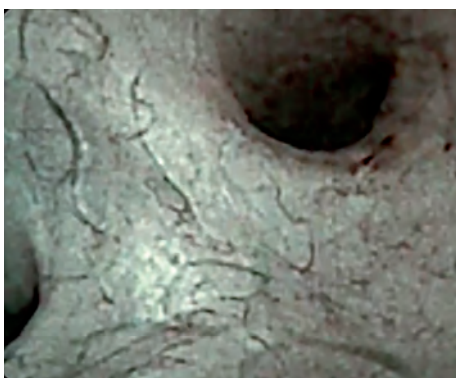
CLARA:

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:

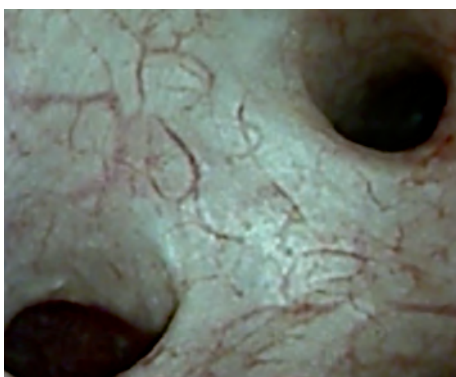
The CHROMA mode offers the possibility of local contrast enhancement in a specific area thanks to extensive analysis of individual image areas. The CHROMA mode, therefore, differs from conventional contrast enhancement modes in that the entire affected area is enhanced and not just the borders.



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.



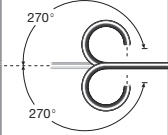
SPECTRA B shifts the color channels in order to reduce diffuse and dominant red light.

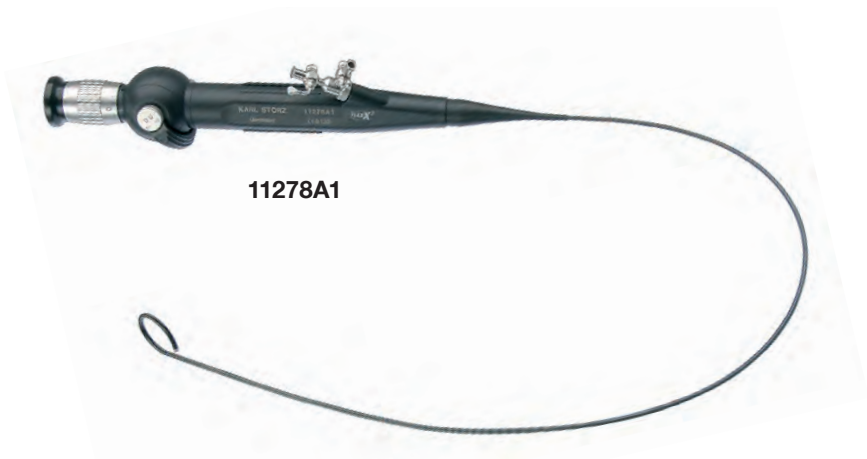
This offers the user an alternative display for endoscopic images, especially the red areas.

Uretero-Reno-Fiberscopes FLEX-X^{2S}, flexible

7.5 Fr.



Order no.	Uretero-Reno-Fiberscopes FLEX-X ^{2S}	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						



- 11278AK1

Uretero-Reno-Fiberscope FLEX-X^{2S}, 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^{2S}, 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^{2S}, 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^{2S}, flexible

Overview



Uretero-Reno-Fiberscopes, flexible



11278A1, 11278AU1

Cold Light Fountains



20132101-1
20161401-1

One-Chip FULL HD Camera Heads



TH110, TH111
TH112, TH113

Fiber Optic Light Cable



495NAC

IMAGE1 S™ Camera System



TC200EN*/TC201EN*
TC301

Monitor



TM220

** Available in the following languages: DE, ES, FR, IT, PT, RU

Uretero-Reno-Fiberscopes FLEX-X^{2S}, flexible

Optional Components

For use with flexible Uretero-Reno-Fiberscopes 11278A1, 11278AU1
and flexible Video Uretero-Renoscopes 11278VS, 11278VSU

	11275FE	Grasping Forceps , double action jaws, flexible, 3 Fr. / 1 mm, length 100 cm
	11275ZE	Biopsy Forceps , double action jaws, flexible, 3 Fr. / 1 mm, length 100 cm
	27023LB	Stone Basket , nitinol, without tip, straight, 1.9 Fr., length 120 cm, 4 wires, basket diameter 12 mm, sterile, for single use
	11770T	Coagulation Electrode , unipolar, 3 Fr., length 110 cm
	27025P	Guide Wire , 3 Fr., sterile, package of 5
	11014Y	Fiber Fixation , instrument port for the insertion and fixation of LASER fibers, stone baskets, wires etc. in flexible endoscopes
	27550N	Seal , for Instrument Ports 27001G, 27001GF, 27001GH, 27001GP, package of 10
	27001RA	Cleaning Adaptor
	27014Y	LUER-Adaptor , 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.

11

Laparoscopy in Urology

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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.

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 CO₂ bottles

UG902 Footswitch Holder, for two-pedal HF footswitch

26003BA	HOPKINS® Forward-Oblique Telescope 30° , enlarged view, diameter 10 mm, length 31 cm, autoclavable , fiber optic light transmission incorporated, color code: red or 26046BA HOPKINS® Forward-Oblique Telescope 30° , diameter 5 mm, length 29 cm, autoclavable , fiber optic light transmission incorporated, color code: red
26007BA	HOPKINS® Forward-Oblique Telescope 30° , enlarged view, diameter 3.3 mm, length 25 cm, autoclavable , fiber optic light transmission incorporated, color code: red
495NCSC	Fiber Optic Light Cable , with straight connector, extremely heat-resistant, with safety lock, diameter 4.8 mm, length 250 cm
495NAC	Fiber Optic Light Cable , with straight connector, extremely heat-resistant, with safety lock, diameter 3.5 mm, length 230 cm
533TVA	Adaptor, autoclavable , permits telescope changing under sterile conditions
26120JL	VERESS Pneumoperitoneum Needle , with spring-loaded blunt inner cannula, LUER-Lock, autoclavable , diameter 2.1 mm, length 13 cm
30160GYG	Trocar , with conical tip, LUER-Lock connector and valve seal, size 6 mm, working length 10 cm, color code: black
30117GP	Trocar , with pyramidal tip, with silicone leaflet valve, size 3.9 mm, working length 10 cm, color code: red-green
3x 30114GYG	Trocar , with conical tip, LUER-Lock connector and valve seal, size 3.5 mm, working length 10 cm, color code: green
31351ML	CLICK!liné KELLY Dissecting and Grasping Forceps , rotating, dismantling, with connector pin for unipolar coagulation, double action jaws, long, size 3.5 mm, length 36 cm
31366ONM	CLICK!liné Grasping Forceps , 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
31351MW	CLICK!liné Scissors , rotating, dismantling, with connector pin for unipolar coagulation, double action jaws, serrated, curved, conical, size 3.5 mm, length 36 cm
31351EH	CLICK!liné Micro Hook Scissors , rotating, with connector pin for unipolar coagulation, size 3.5 mm, length 36 cm
25775CNL	CADIERE Coagulation and Dissection Electrode , L-shaped, with cm-marking, distal tip tapered, with connector pin for unipolar coagulation, size 3.5 mm, length 36 cm
26005M	Unipolar High Frequency Cord , length 300 cm
38951MD	ROBI® KELLY Grasping Forceps , CLERMONT-FERRAND model, rotating, dismantling, with connector pin for bipolar coagulation, size 3.5 mm, length 36 cm
38951ON	ROBI® Grasping Forceps , 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
38951MW	ROBI® Scissors , CLERMONT-FERRAND model, rotating, dismantling, with connector pin for bipolar coagulation, curved scissor blades, size 3.5 mm, length 36 cm
26176LE	Bipolar High Frequency Cord , length 300 cm
26167ANL	Suction and Irrigation Tube , with lateral holes, size 3.5 mm, length 36 cm, for use with handles for irrigation and suction
30805	Handle with Two-Way Stopcock , for suction and irrigation, autoclavable , for use with suction and irrigation tubes sizes 3, 3.5 and 5 mm
26167LNL	KOH Ultramicro Needle Holder , jaws curved to left, with tungsten carbide insert, straight handle, with disengageable ratchet, size 3.5 mm, length 36 cm
26167RNL	KOH Ultramicro Needle Holder , 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°.

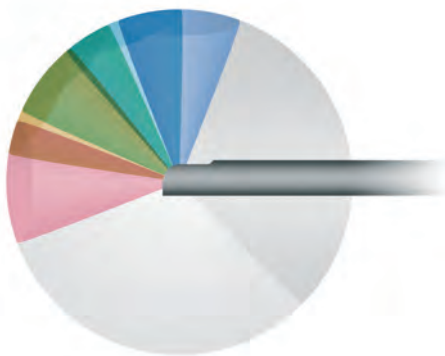
The ENDOCAMELEON® technology does not take up extra intracorporal space thanks to the external moving parts.

Image alignment is the same as rigid telescopes: The direction of view is selected by simply turning the adjustment knob.

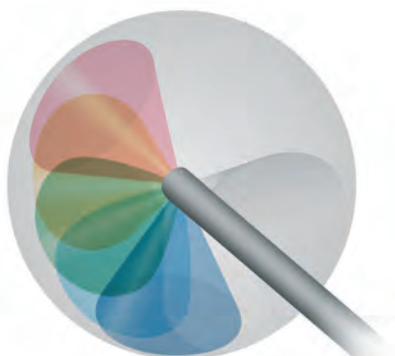
As the ENDOCAMELEON® is equipped with a standard eyepiece, the variable direction of view benefits all standard camera systems. Thanks to the HOPKINS® rod lens system, the ENDOCAMELEON® also offers image quality that enables a useful application of three-chip cameras or HD camera systems.

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

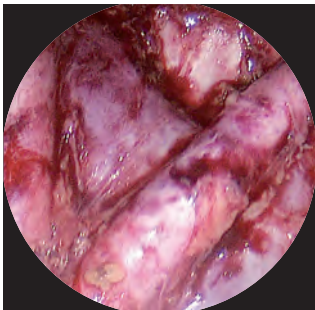


Fig. 1: Lymphadenectomy

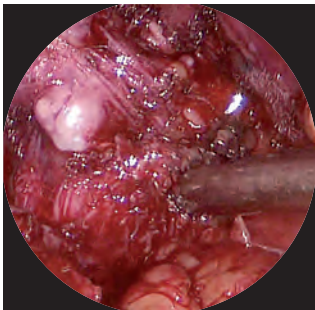


Fig. 2: Cystectomy

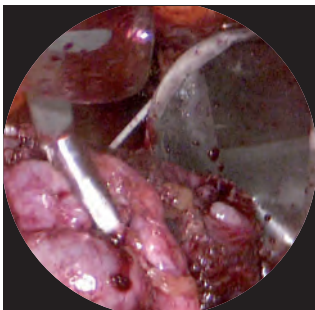


Fig. 3: Radical prostatectomy

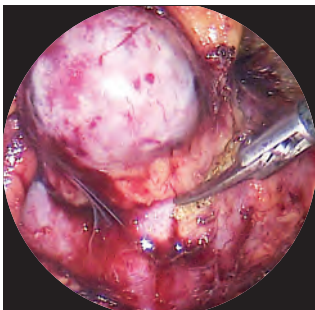


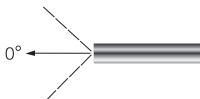
Fig. 4: Partial nephrectomy

Images courtesy of Prof. med. G. JANETSCHEK, Universitätsklinik für Urologie,
Paracelsus Medizinische Universität Salzburg, Austria

Diameter 5 mm, length 29 cm

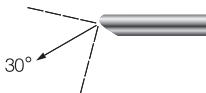


26046BA



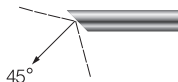
26046AA

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



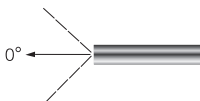
533TVA

Adaptor, autoclavable, permits telescope changing under sterile conditions

Diameter 10 mm, length 31 cm

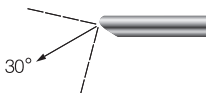


26003BA



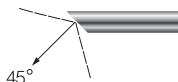
26003AA

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

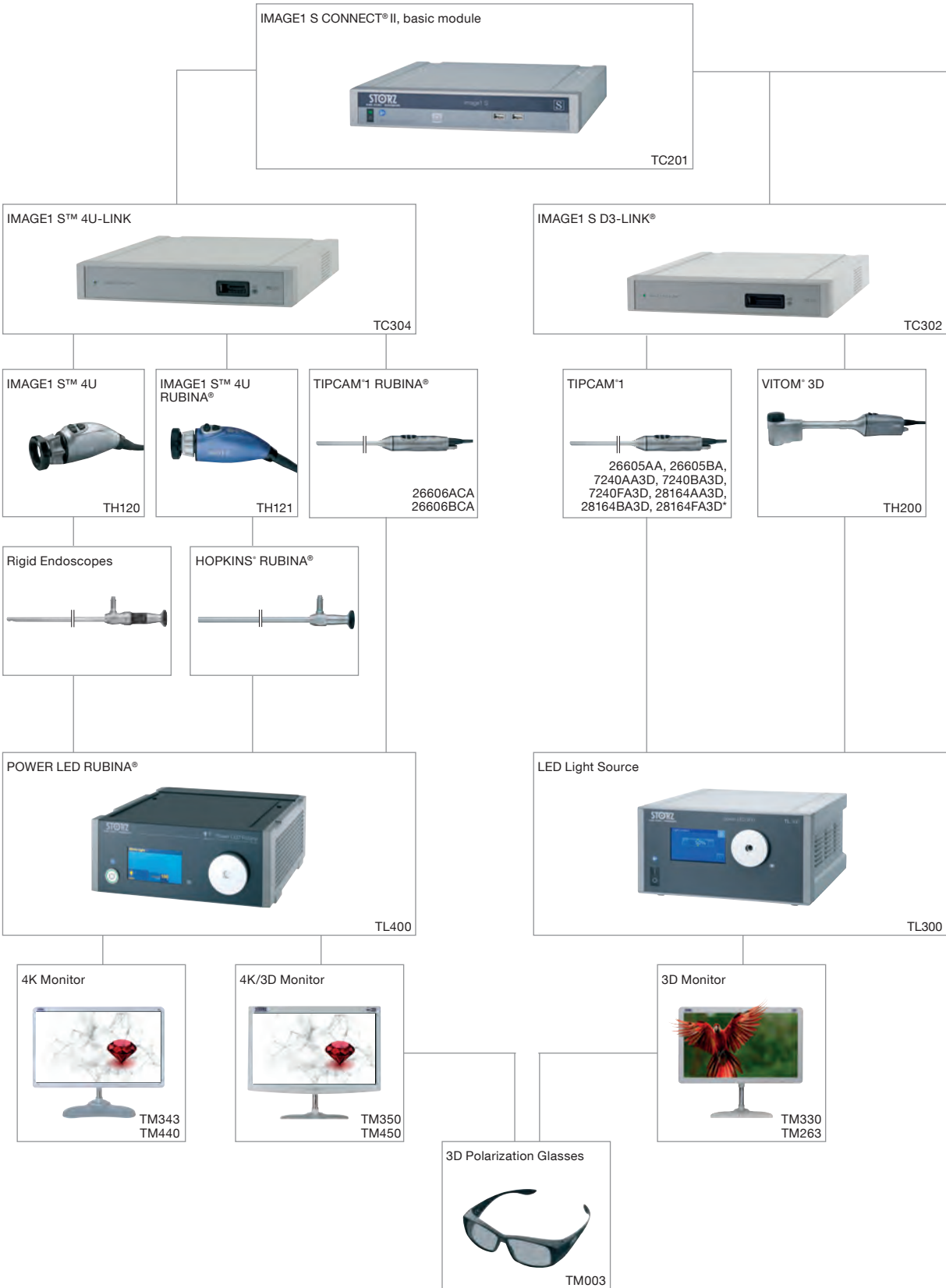


26003FA

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

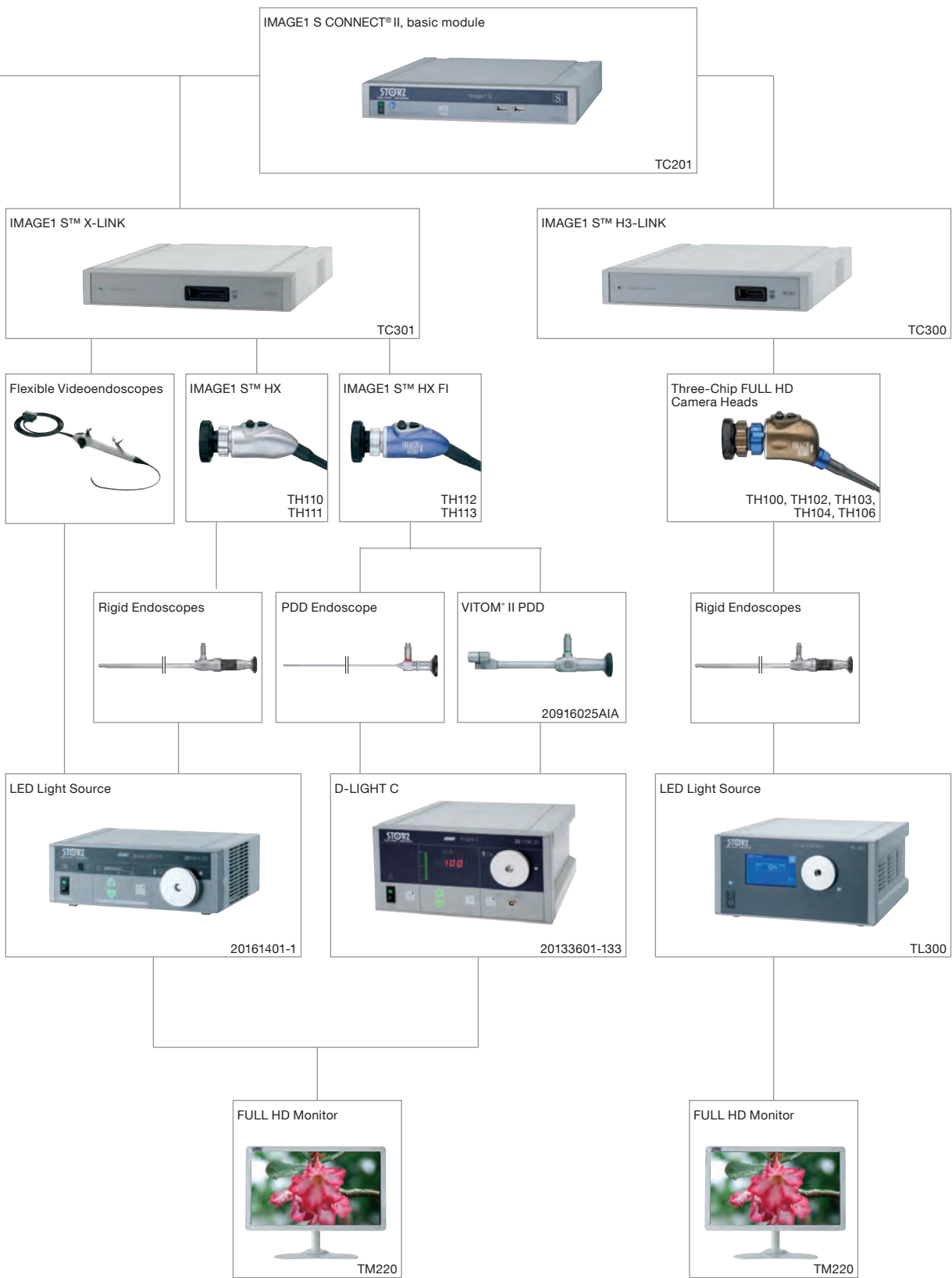


IMAGE1 S™ RUBINA® combines the latest imaging technologies 4K, 3D and fluorescence imaging (NIR/ICG) in one product family. The products impress with 4K image quality in 2D and 3D as well as new NIR/ICG fluorescence modes. The new POWER LED RUBINA® makes this possible. The new modes, e.g., the superimposed

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



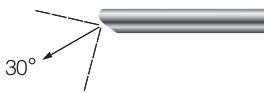
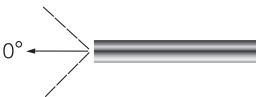
**TIPCAM®1 RUBINA® –
The new 4K/3D NIR/ICG videoendoscope**

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	autoclavable, hydrogen peroxide sterilization
Direction of view	26606ACA: 0° 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 manual via KS HIVE manual via touch screen (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

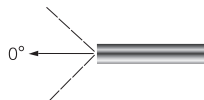
IMAGE1 S™ 4U RUBINA®, OPAL1® NIR/ICG, two-chip 4K UHD camera head, for use with IMAGE1 S CONNECT® II and IMAGE1 S™ 4U-LINK

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		

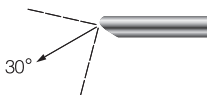
* In comparison to previous models

Diameter 10 mm, length 31 cm
Trocár size 11 mm



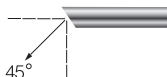
26003ARA

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



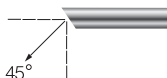
26003BRA

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

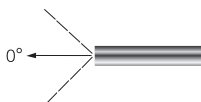
HOPKINS® RUBINA® Telescopes

for fluorescence-assisted perfusion assessment with ICG

Diameter 5 mm, length 29 cm
Trocar size 6 mm

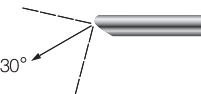


26046BRA



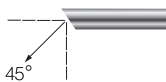
26046ARA

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

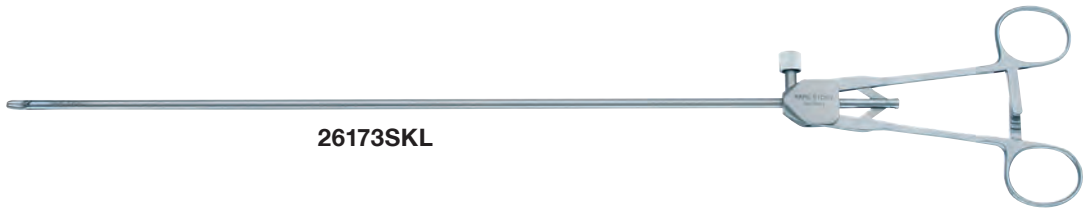


495NCSC

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



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

Fiber Optic Ureter Probe

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

12 Trainers

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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



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

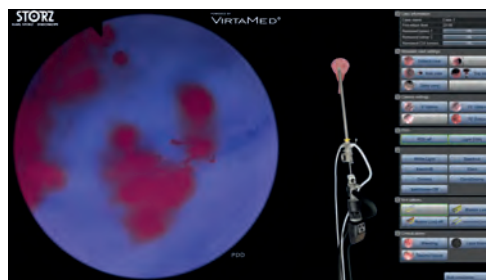
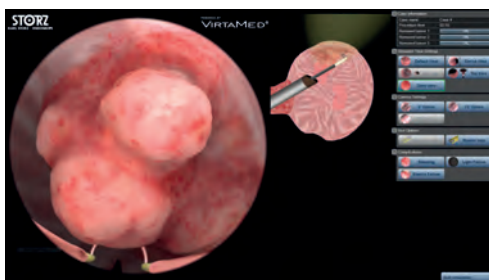
TURP Advanced Module

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.

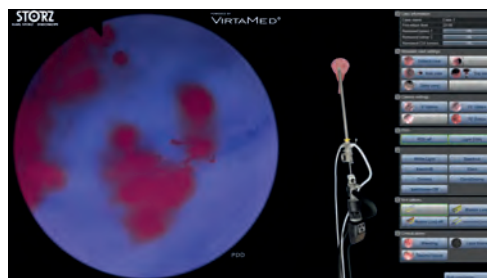
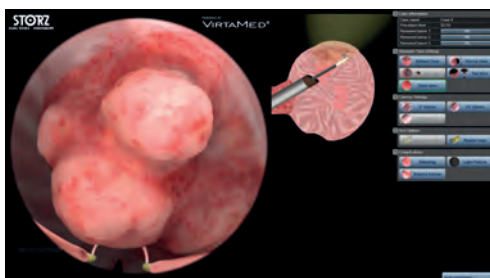
TURB Basic Module

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

Additional software packages and further accessories see pages 224-226

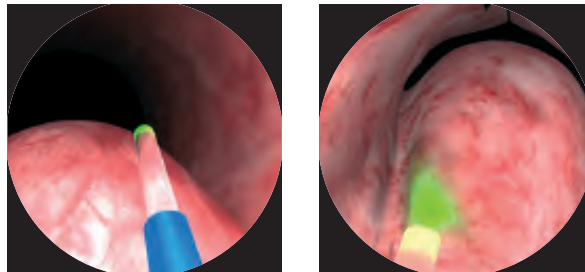
LASER BPH Advanced Module

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

27345C	Organ Platform , for TUR and the use of biological specimens
27345D	Organ Insert Penis , for TUR
27345E	Organ Insert Bladder , for TUR
27345X	LYRA Body Endourological Trainer “ADAM” , consisting of base and upper part

Spare Parts for LYRA URS Trainer “ADAM” 27345URS

27345A	Organ Platform
27345B	Organ Insert
27345X	LYRA Body Endourological Trainer “ADAM” , 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

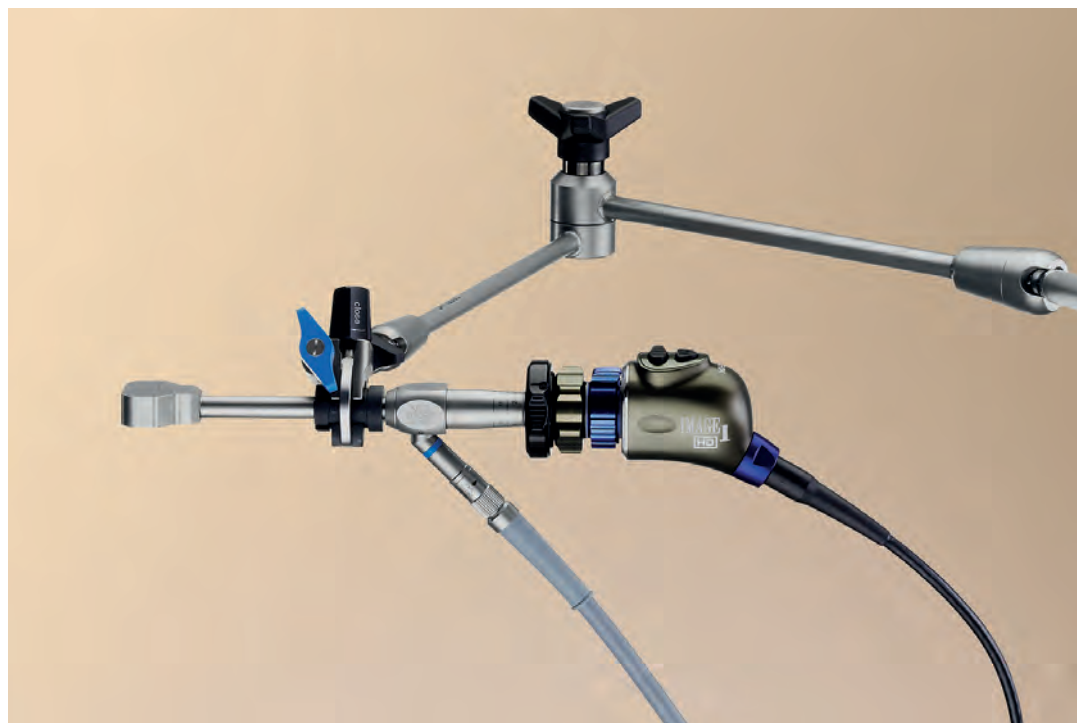
The VITOM® system is highly suitable for the documentation of interventions in open surgery with minimal access.

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.

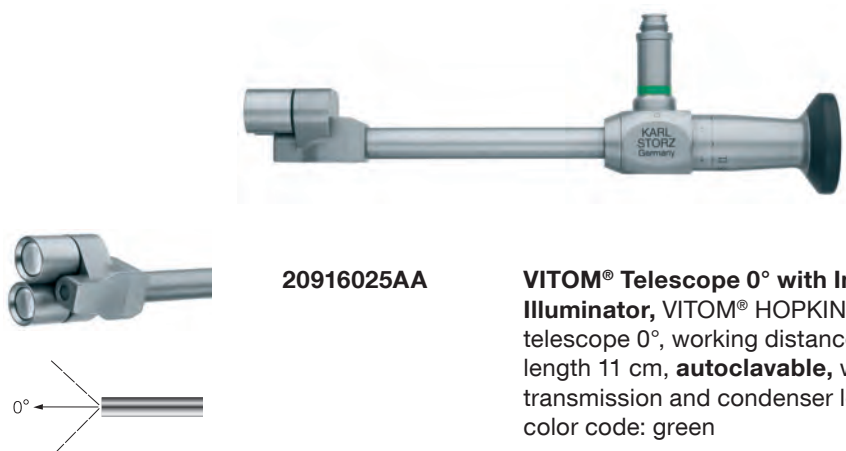
Teaching and Training

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.



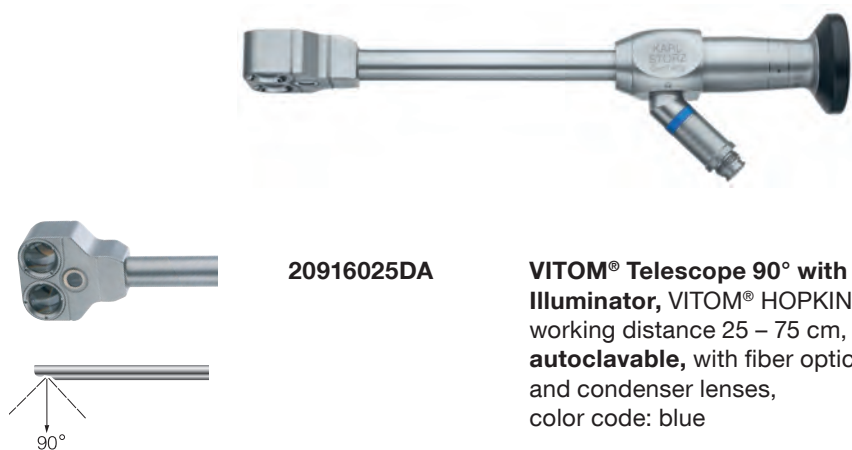
VITOM® Telescope 0°

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.

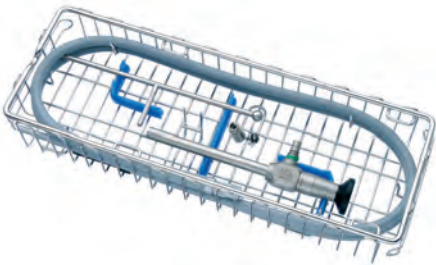


VITOM® Telescope 90°

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.



Note: VITOM® is always used with a holding system.

		VITOM® Telescope 0°	VITOM® Telescope 90°
		with integrated illuminator	
		20916025AA	20916025DA
495TIP	 Fiber Optic Light Cable, with straight connector, extremely heat-resistant, enhanced light transmission, diameter 4.8 mm, length 300 cm, for use with TIPCAM®	•	•
495NVC	 Fiber Optic Light Cable, with 90° deflection to the instrument, very narrow radius of curvature, diameter 4.8 mm, length 300 cm	•	—
39501A2	 Wire Tray for Cleaning, Sterilization and Storage 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	•	•

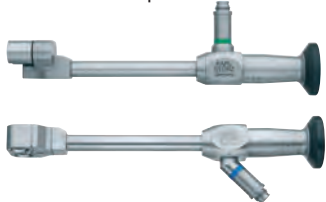
Please note: The instruments displayed are not included with the tray.

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



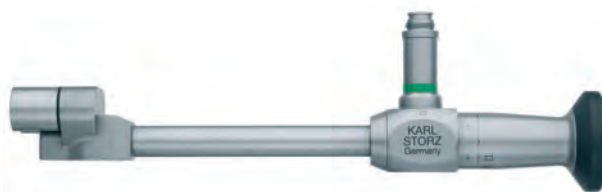
Fields of application for VITOM® II PDD:

- Fluorescence-guided resection of high-grade gliomas

*Please verify that the fluorescent dye indocyanine green is approved for the respective indication in your country.

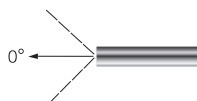
VITOM® II NIR / ICG

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

The IMAGE1 S™ platform is recommended for NIR/ICG applications.



Working distance:	25 - 75 cm		
Depth of view at working distance of:	25 cm	50 cm	75 cm
Depth of view:	approx. 3.5 cm	approx. 7 cm	approx. 10 cm
Field of view at working distance of:	25 cm	50 cm	75 cm
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
Reproduction scale at working distance of:	25 cm	50 cm	75 cm
26" Monitor:			
H3-Z camera zoom 1x	approx. 8x	approx. 4x	approx. 3x
H3-Z camera zoom 2x	approx. 16x	approx. 8x	approx. 6x
42" Monitor:			
H3-Z camera zoom 1x	approx. 14x	approx. 7x	approx. 5x
H3-Z camera zoom 2x	approx. 28x	approx. 14x	approx. 10.5x
52" Monitor:			
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

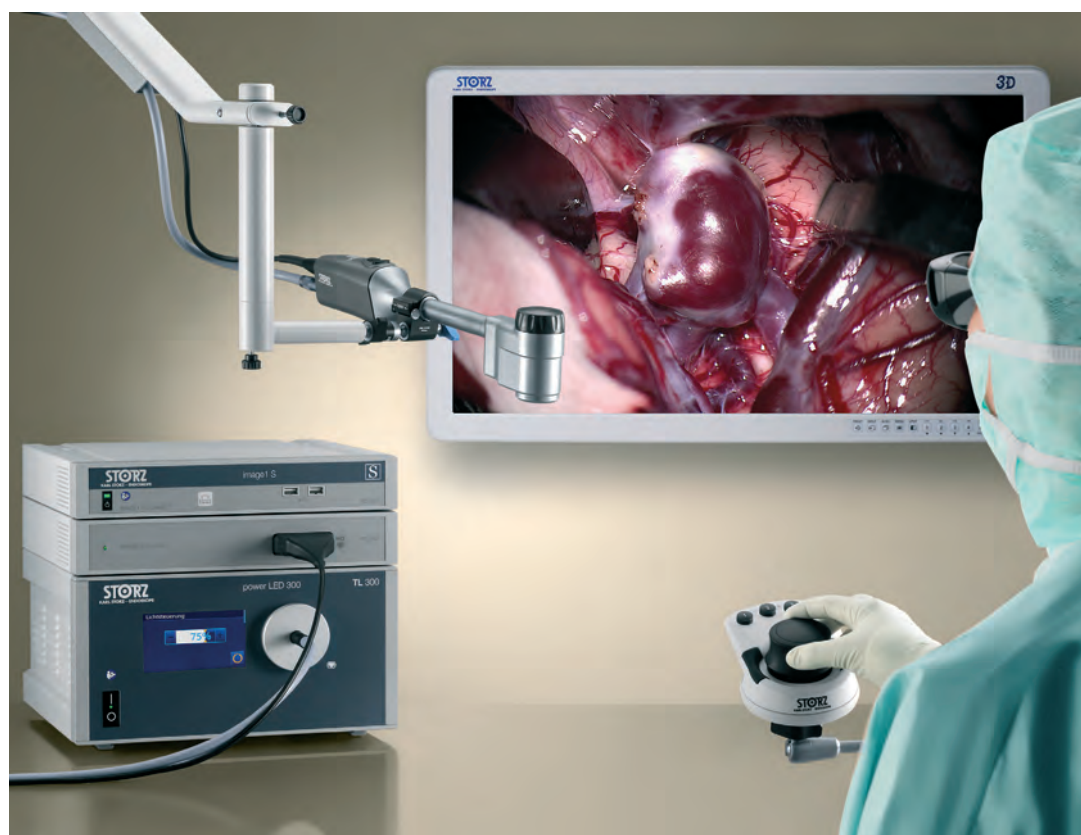
3D visualization for microsurgery and open surgery

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 micro-surgery 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

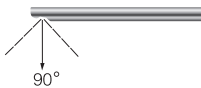




** Also available in the following languages: DE, ES, FR, IT, PT, RU

VITOM® 3D

3D visualization for microsurgery and open surgery



TH200



TC014

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

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

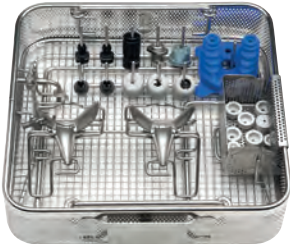
VITOM® 3D Clamping Jaw, with ball joint and quick release coupling KSLOCK (male), for use with VITOM® 3D and KARL STORZ holding systems with quick release coupling KSLOCK

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™.

	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
	28272VTP	VITOM® 3D Clamping Jaw , for POINT SETTER, with dovetail connector, for use with VITOM® 3D and POINT SETTER holding system
	495TIP	Fiber Optic Light Cable , with straight connector, extremely heat-resistant, enhanced light transmission, diameter 4.8 mm, length 300 cm, for use with TIPCAM®
	495VIT	Fiber Optic Light Cable , with straight connector, extremely heat-resistant, enhanced light transmission, diameter 4.8 mm, length 550 cm
	TH001	Cover , for VITOM® 3D, sterile, for single use, package of 10
	TH002	VITOM® 3D Illuminator , additional lighting for VITOM® 3D, with 1 adjustable lens, autoclavable , for use with VITOM® 3D and light cable
	TH003	Protective Cover , 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
	39502ZH 39502LH 39100SH 39100PS 39360AS	Wire Tray , stackable, with hole plates Lid Silicone Grid Insert LARGE DIAMOND GRID Fixation Pins , package of 12 Silicone Tie-Downs , package of 12

Please note: The instruments displayed are not included with the tray.

IMAGE1 PILOT with holding system for fixation to the operating table

	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
	28172HR	Rotation Socket , 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
	28272HB	Articulated Stand , 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)
	041150-20	Cover , with elasticated tip, 42 x 177 cm, sterile, for single use, package of 20, for use with holding systems and IMAGE1 PILOT

Monitors

	TM350	32" 4K/3D Monitor , screen resolution 3840 x 2160, image format 16:9
	TM330	32" 3D Monitor , screen resolution 1920 x 1080, image format 16:9
	9832SFH	Monitor Stand , for professional use, height-adjustable, tiltable, rotation +/-30°, disinfectable, color white, with VESA 200 adaptor, for use with 32" monitors up to 15 kg
	TM003	3D Polarization Glasses , fogless, passive, for use with 3D monitors
	9800C	3D Clip-on Glasses , circularly polarized, for use with 3D monitors

Accessories for Operating Microscopes

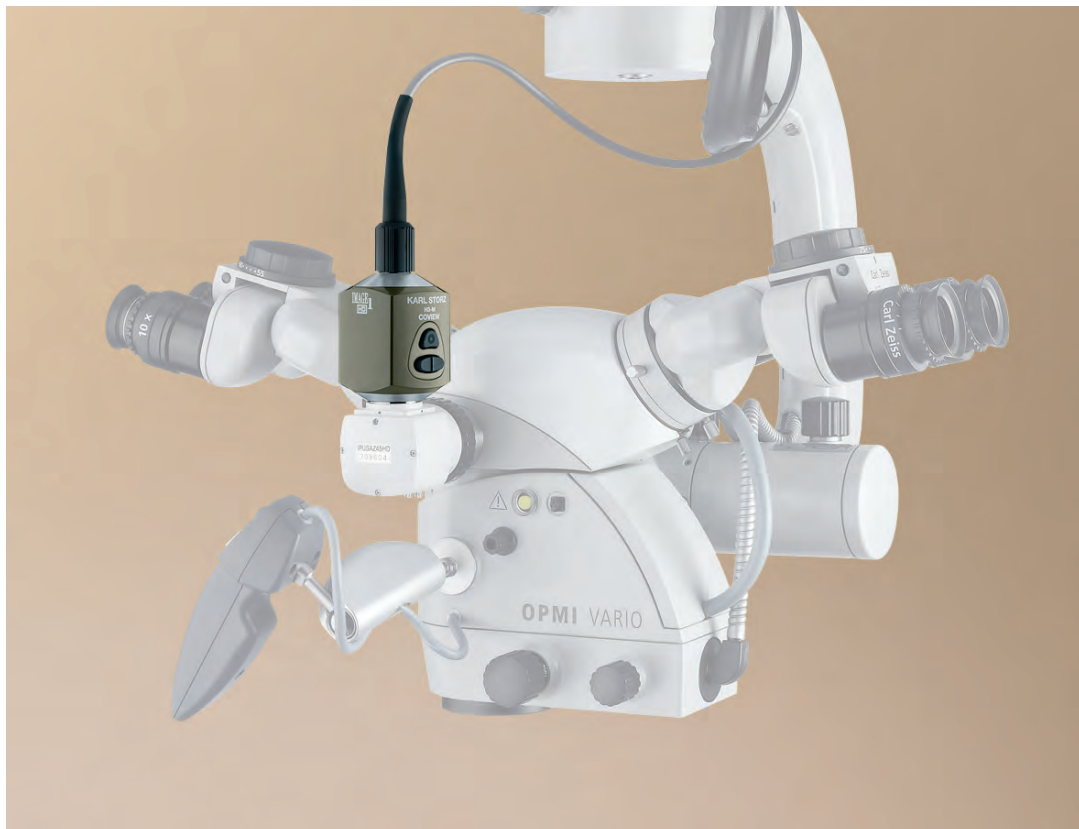
IMAGE1 S™

STORZ
KARL STORZ — ENDOSKOPE

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



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.

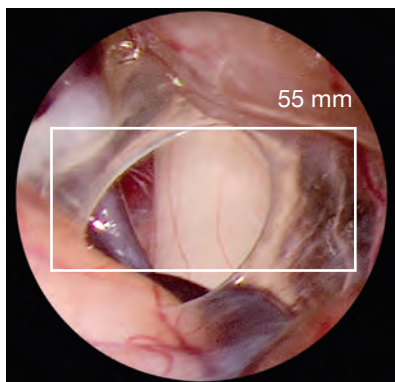


Product Features:

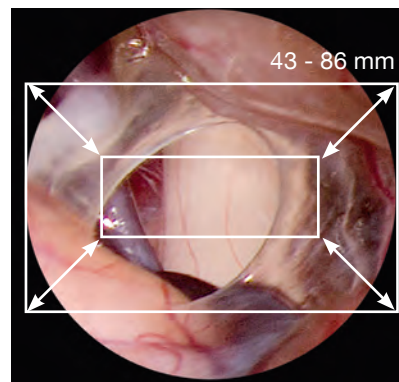
- A rotating C-MOUNT connection at the QUINTUS® TV adaptor allows immediate adaption of the camera orientation during mounting.
- The focus control makes it possible to easily achieve parfocality (perfectly sharp camera and microscope images).
- The iris control provides convenient and optimal adjustment 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

	20923055	QUINTUS® Z 55 TV Adaptor, 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
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QUINTUS® Zoom TV Adaptor for operating microscopes from CARL ZEISS MEDITEC with variable focal length

	20923000Z	QUINTUS® Zoom TV Adaptor, for CARL ZEISS MEDITEC operating microscopes, with variable focal length f = 43 – 86 mm, for use with all KARL STORZ cameras (SD and HD)
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Further accessories for operating microscopes from CARL ZEISS MEDITEC

	20925000	Iris, for ZEISS Pentero®, iris as a necessary extension between the QUINTUS® TV adaptor and the operating microscope ZEISS Pentero®
	301513	Optical Beamsplitter 50/50, for use with ZEISS operating microscope or colposcope

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

	20933055	QUINTUS® L 55 TV Adaptor, for LEICA Microsystems 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
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QUINTUS® Zoom TV Adaptor for operating microscopes from LEICA Microsystems
with variable focal length

	20933000Z	QUINTUS® Zoom TV Adaptor, for LEICA Microsystems operating microscopes, variable focal length $f = 43 - 86$ mm, for use with all KARL STORZ cameras (SD and HD)
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QUINTUS® TV Adaptor for operating microscopes from Möller-Wedel/Haag-Streit
with fixed focal length

	20953055	QUINTUS® M 55 TV Adaptor, for Möller-Wedel/Haag-Streit 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
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Note: Optical beamsplitters for other operating microscopes (i.e. LEICA or Möller-Wedel) are available directly from the manufacturers.

14 Units and Accessories

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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

Monitor:	
TM220	27" FULL HD Monitor
Camera system:	
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 FULL HD Pendulum Camera Head
Alternative:	
11272VHK	Flexible Video Cystoscope HD-VIEW, Set, positive deflection, for use with IMAGE1 S™
11272VHUK	Same, contrapositive deflection
Light Source:	
20133601-133	Cold Light Fountain D-LIGHT C / AF SCB
495FS	Fluid Light Cable
Pump system:	
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
Motor system:	
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
Documentation:	
WD350-EN***	AIDA® with SMARTSCREEN®
TC009	USB Adaptor, for ACC 1 and ACC 2
20040373	RS-232 Connecting Cable, length 180 cm
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 Carts:	
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

Monitor:	
TM220	27" FULL HD Monitor
Camera system:	
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
Alternative:	
TC013	IMAGE1 S™ Videoendoscope Adaptor 90°
11278VSK	Video Uretero-Renoscope FLEX-X ^c , Set, compatible with IMAGE1 S™
11278VSUK	Video Uretero-Renoscope FLEX-X ^c , Set, compatible with IMAGE1 S™
TH113	IMAGE1 S™ HX-P FI One-Chip FULL HD Pendulum Camera Head
Light source:	
20161401-1	Cold Light Fountain POWER LED 175 SCB
495NAC	Fiber Optic Light Cable, diameter 3.5 mm
Pump system:	
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
Laser:	
UL300-1	CALCULASE® III
Ultrasonic generator:	
27610001	CALCUSON Ultrasonic Generator Set
Documentation:	
WD350-EN***	AIDA® with SMARTSCREEN®
TC009	USB Adaptor, for ACC 1 and ACC 2
20040373	RS-232 Connecting Cable, length 180 cm
Equipment carts:	
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

	UG540	Monitor Swivel Arm, 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
	UG510	Monitor Holding Arm, 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
	UG520	Monitor Holding Arm, 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
	UG500	Monitor Holder, 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
	UG608	Equipment Rail, 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
	UG607	Equipment Rail, 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

COR Equipment Carts

Accessories

	UG310	Isolation Transformer , 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
	UG300	Same , 100 – 120 V
	UG410	Earth Leakage Monitor , 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
	UG400	Earth Leakage Monitor , 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
	20010270	Potential Equalization Cable , length 500 cm
	20010370	Potential Equalization Cable , length 200 cm
	20010570	Potential Equalization Cable , length 150 cm
	20010670	Potential Equalization Cable , length 100 cm
	UG614	Counter Balance Plate , 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
	UG615	Auxiliary Counter Balance Plate , 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
	UG604	Shelf , wide, load capacity max. 60 kg, dimensions: 630 x 25 x 510 mm (w x h x d), for use with Equipment Carts UGxxx
	UG606	Keyboard Tray , 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

COR Equipment Carts

Accessories

	UG602	Drawer Unit with Lock , 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
	UG612	Camera Holder , for mounting camera heads, with detachable inlays, compatible with all KARL STORZ endoscopy camera heads, for use with Equipment Carts UGxxx
	UG625	IV Pole , with 2 bottle hooks à 5 kg, length 130 cm, for use with Equipment Carts UGxxx Included in delivery: UG616 IV Pole UG623 Multifunctional Holder
	UG626	IV Pole , height adjustable, with 2 bottle hooks à 5 kg, length 118 – 203 cm, for use with Equipment Carts UGxxx Included in delivery: UG617 IV Pole UG623 Multifunctional Holder
	UG623	Multifunctional Holder , 2-part, for mounting poles, diameter 25 mm, package of 2, for use with Equipment Carts UGxxx
	29005DFH	Footswitch Holder , 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
	29005EFH	Footswitch Holder , for one-pedal footswitch, for mounting to Equipment Rails UG608 and 29003GS, for use with Footswitches 2014130, 20014230 and 20017832
	8404AK	Wire Tray , for accessories, for mounting to equipment rails, dimensions: 300 x 200 x 150 mm (w x h x d)

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

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 »intelect« 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 straightforward alignment check of the C-arm and lithotripter.

The MODULITH® SLK »intelect«, 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 »intelect« 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.



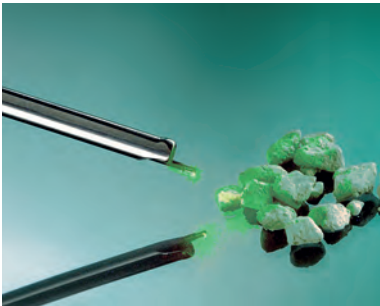
CALCULASE® III SCB

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.



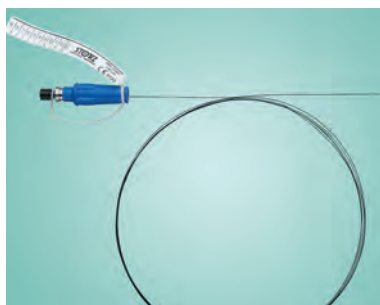
Optimized pulse modes

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

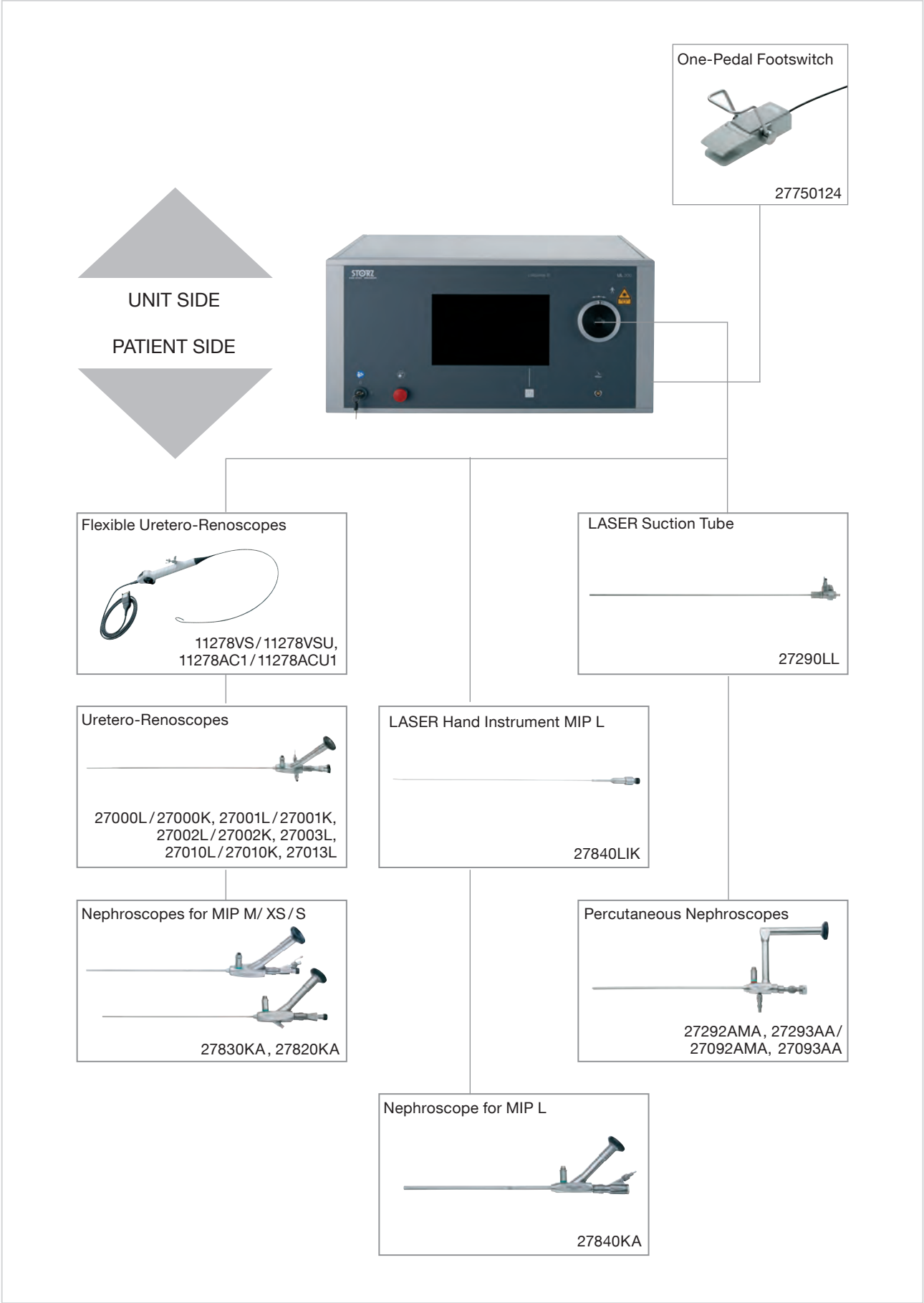
Included in delivery:

- 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
Pulse short	4 – 30 Hz	0.2 – 2 J	4 – 30 Hz	0.2 – 2 J
Pulse long	4 – 15 Hz	0.6 – 2 J	4 – 15 Hz	0.6 – 4 J
Pulse burst	4 – 10 Hz	0.6 – 2 J	4 – 10 Hz	0.6 – 4 J

For the exact parameter settings for fibers, see instruction manual



Fiber Sets, reusable

	UL007S5	CALCULASE® III Fiber 230 µm , sterile, reusable, length 300 cm, package of 6
	UL008S5	CALCULASE® III Fiber 365 µm , sterile, reusable, length 300 cm, package of 6
	UL009S5	CALCULASE® III Fiber 600 µm , sterile, reusable, length 300 cm, package of 6

Fiber Sets, for single use

	UL004S5	CALCULASE® III Fiber 230 µm , sterile, for single use, length 300 cm, package of 6
	UL005S5	CALCULASE® III Fiber 365 µm , sterile, for single use, length 300 cm, package of 6
	UL006S5	CALCULASE® III Fiber 600 µm , sterile, for single use, length 300 cm, package of 6

Optional Products

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

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

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:

27610020

CALCUSON Ultrasonic Generator

400A

Mains Cord

20014230

One-Pedal Footswitch

27610030

Transducer

27610072

Connecting Cable (transducer/generator)

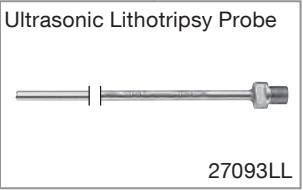
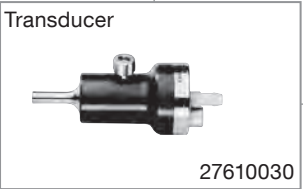
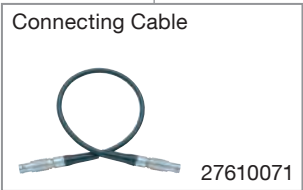
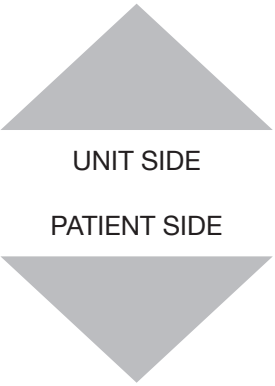
27085PL

Protection Sleeve, for storage and sterilization
of probes

27085CR

Cleaning Rod, for probes

Specifications			
Working frequency	approx. 26,000 Hz	Weight	3.7 kg
Power supply	110 – 120 VAC / 200 – 240 VAC, 50/60 Hz	Certified to	IEC 60601-1, 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

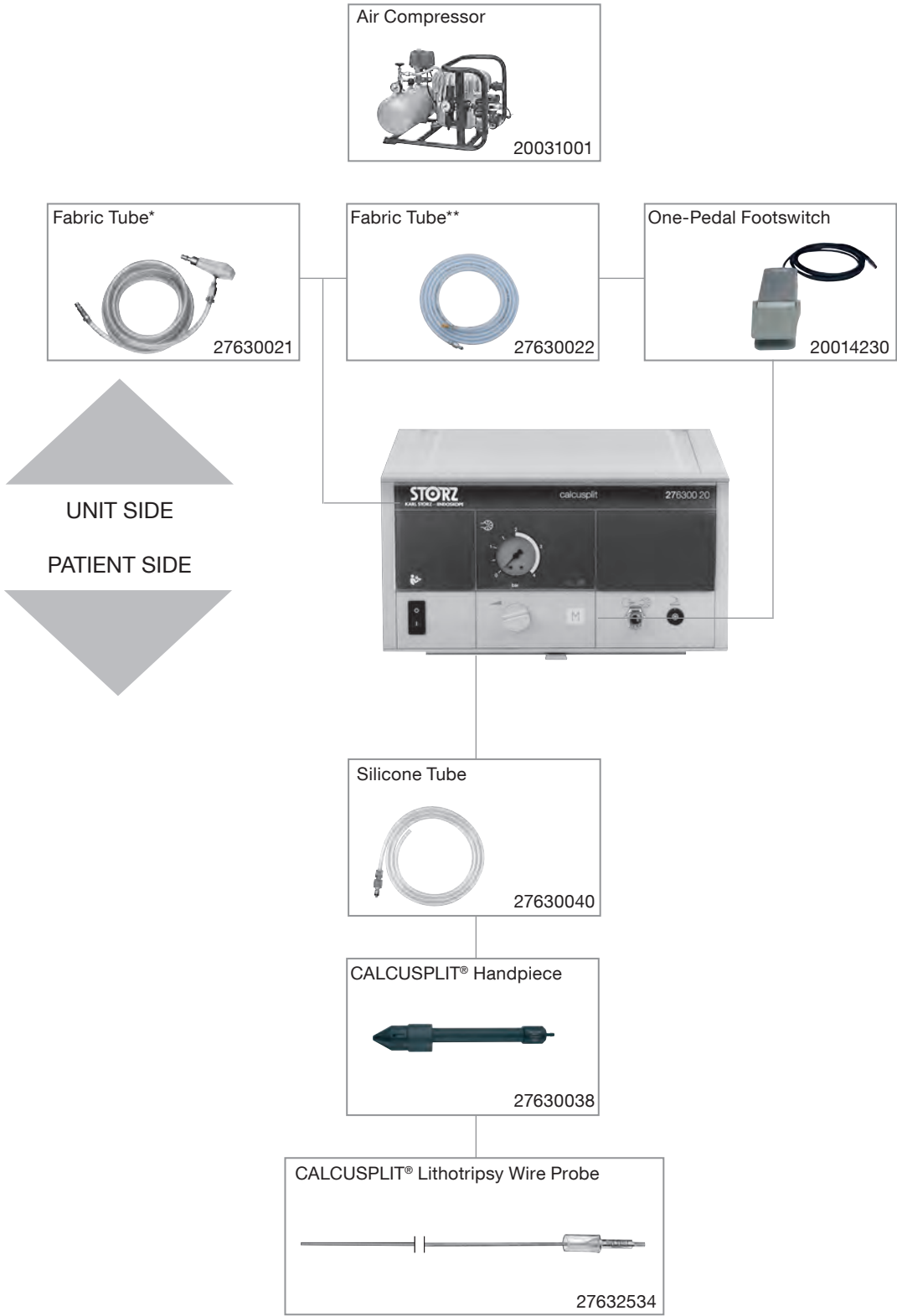
Fabric Tube

- 20031001C

Same, power supply 115 VAC, 50/60 Hz

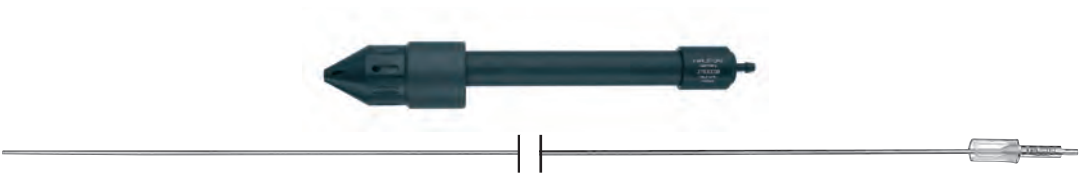
Specifications

Working frequency	- single shot - continuous shot 12 Hz	Weight	5 kg
Power supply	110 / 120 / 230 / 240 VAC, 50 / 60 Hz	Certified to	IEC 60601-1, CE acc. to MDD
Dimensions w x h x d	305 x 164 x 260 mm		



* Connection to central compressed air supply
** Connection to compressor

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	Ureteroscopes 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	Ureteroscope 27002K, in conjunction with Instrument Port 27001G and Handpiece 27630038
27632635	1 mm		
27632636	1.6 mm		
27632232	1 mm	31 cm	HOPKINS® Telescopes 27092AMA, 27093AA, 27095AA, in conjunction with Operating Sheaths 27093BD / CD, 27095B and Handpiece 27630038
27632234	2 mm		
27634031	0.8 mm	37.5 cm	HOPKINS® Telescopes 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		HOPKINS® Telescopes 27292AMA, 27293AA, Operating Sheaths 27293BD / CD and Nephroscope for MIP M 27830KA in conjunction with Instrument Port 27001GG and Handpiece 27630038



Adaptor, autoclavable, for KARL STORZ uretero-renaloscopes, new generation

Order no.	Diameter	Working length	for use with
27630136	-	-	Uretero-Renoscope , 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)





- 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

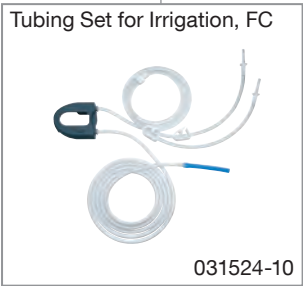
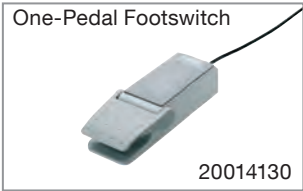
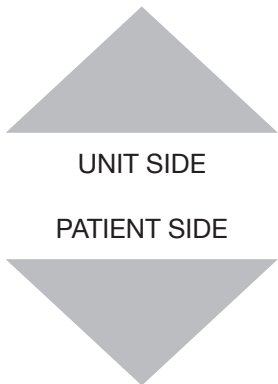
UP610

ADVANCED Package, software, license,

extends functions of installed software packages

Specifications

Software package	URO	Dimensions w x h x d	305 x 110 x 260 mm
Flow	- URO without ADVANCED not adjustable: 400 ml/min - URO with ADVANCED adjustable: 200/400/600 ml/min - URO with SURGERY and with ADVANCED: max. 3500 ml/min	Operating mode	Irrigation, pressure-controlled
Power supply	100 – 240 VAC, 50/60 Hz	Certified to	IEC 60601-1, CE acc. to MDD
Weight	4.7 kg		
Parameter display	- Set pressure - Actual pressure		



	030647-10*	Tubing Set for Suction, DS, sterile, for single use, package of 10, for use with ENDOMAT® SELECT
	031523-10*	Tubing Set for Irrigation, PC, sterile, for single use, package of 10, for use with ENDOMAT® SELECT
	031524-10*	Tubing Set for Irrigation, FC, sterile, for single use, package of 10, for use with HAMOU® ENDOMAT® SCB 26331120-1 and ENDOMAT® SELECT
	20014130	One-Pedal Footswitch, digital, one-stage

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:

UP501

S-PILOT®

27610070

Connecting Cable

031457-10

Tubing Set Suction, sterile,
for single use, package of 10

Specifications

Power supply	100 – 240 VAC, 50/60 Hz	Dimensions w x h x d	305 x 50 x 320 mm
Power consumption	30 W	Weight	1.92 kg



- 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

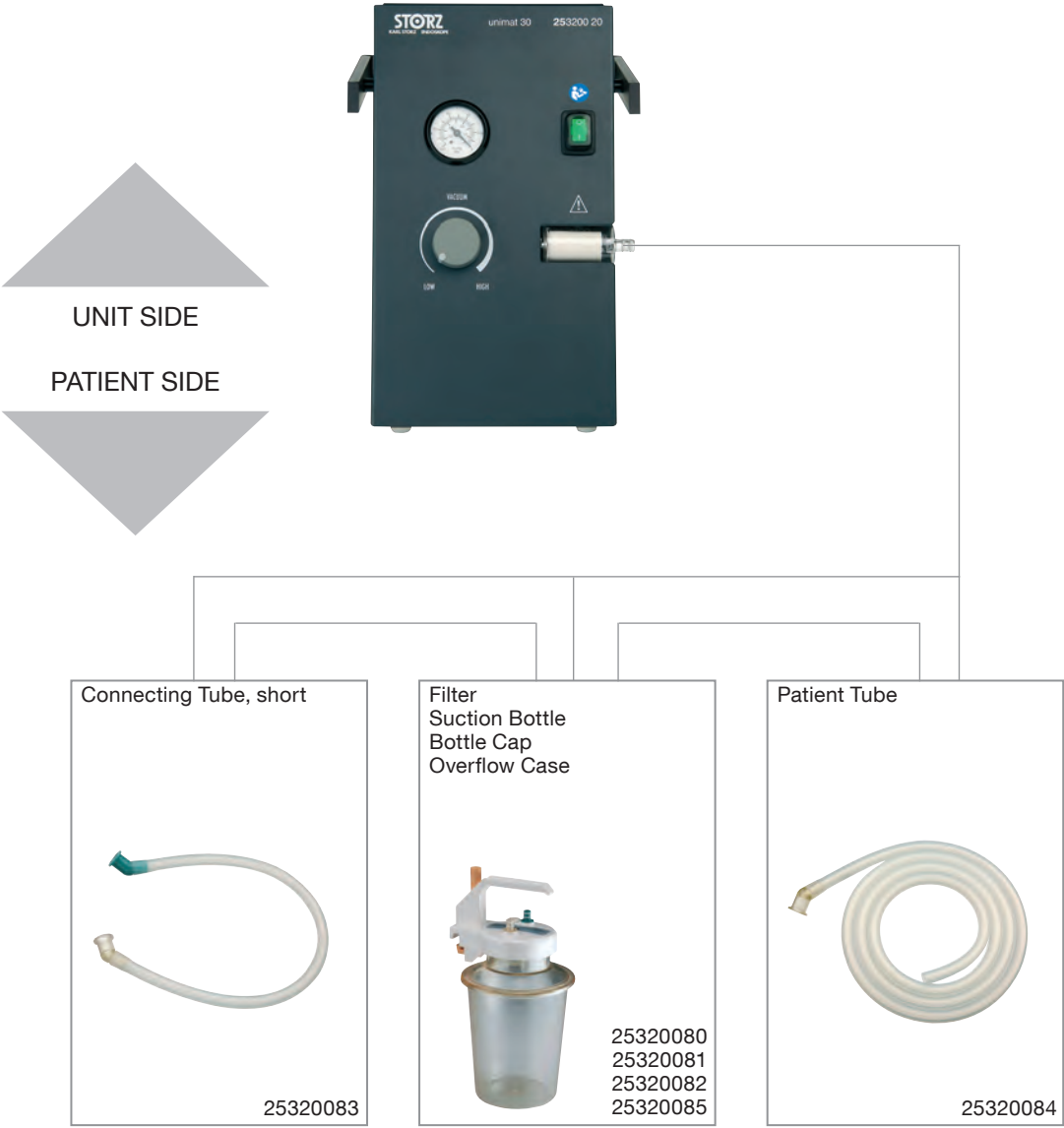
400A

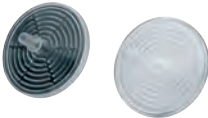
Mains Cord, length 300 cm
- 25320001C

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/ power consumption	1 A, 100 Watt (115 VAC) 0.45 A, 100 Watt (230 VAC)
Power supply	115/230 VAC, 50/60 Hz	Protection class	protection class I, BF, IPX 1
Dimensions w x h x d	245 x 345 x 282 mm	Inspections/ certificates	MDD 93/42 EWG, EN 60601-1, EN 60601-1-2, EN 10079-1, ISO 9001, UL 2601-1
Weight	7.4 kg		



	25320080 25320081 25320082 25320085	Filter , for suction, unsterile Suction Bottle Bottle Cap Overflow Case
	25320083	Connecting Tube , short
	25320084	Patient Tube
	UG624	Pump Holder , for mounting suction pump UNIMAT® 30 to equipment carts UGxxx
	031111-10	Smoke Evacuation Filter , unsterile, for single use, package of 10

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



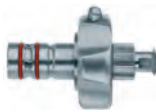
27702050

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

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

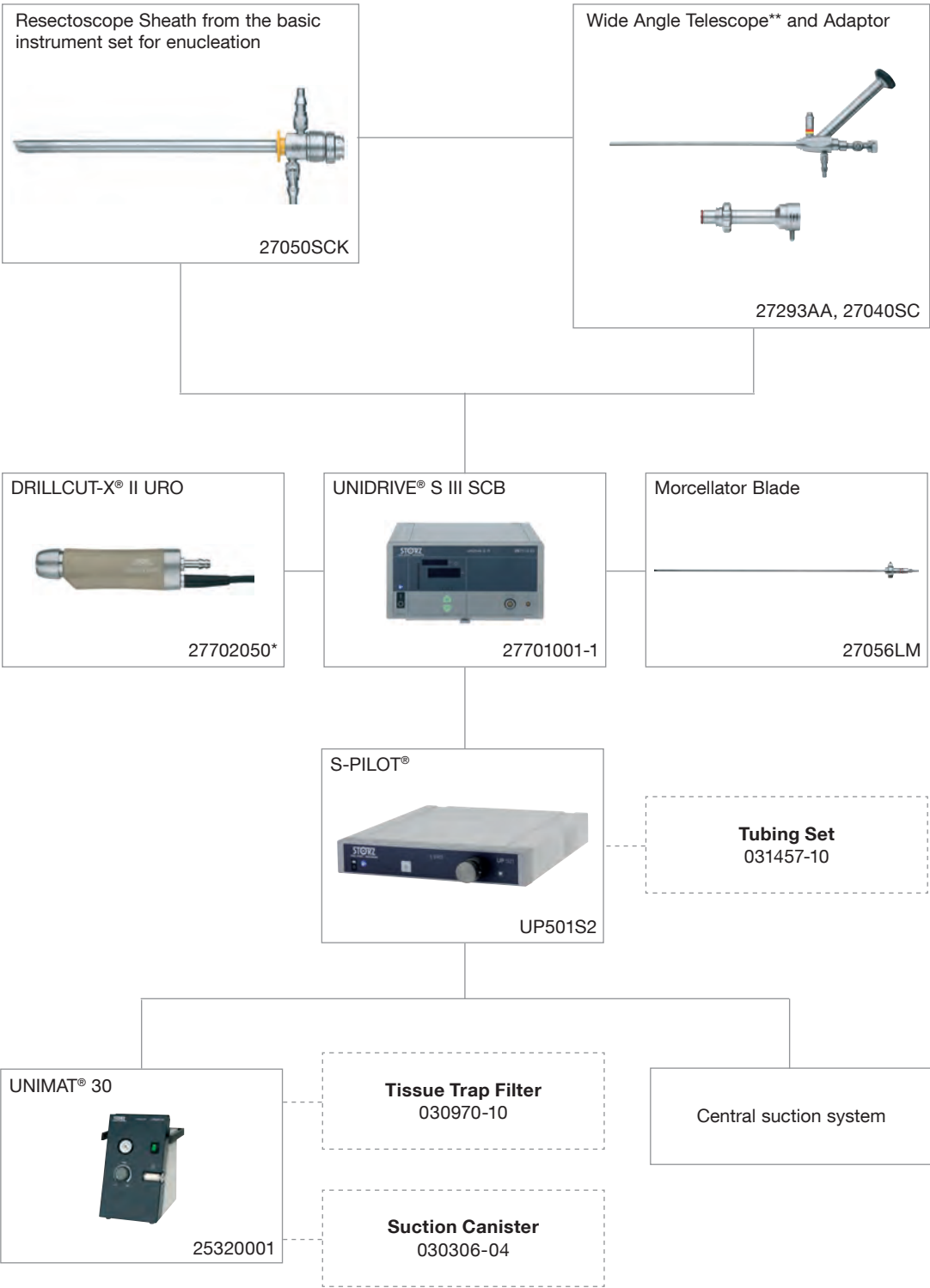
Specifications

Operation mode	oscillating (morcellator)	Dimensions w x h x d	305 x 165 x 233 mm
Max. rpm	40,000 (rpm) Blade 500 – 5000 (rpm)	Weight	4 kg
Power supply	100-120/230-240 VAC, 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.

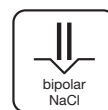
HF Generator AUTOCON® III 400:

- **High user comfort:**
High-resolution touch display, automatic selection of modes according to connecting cables (unipolar/bipolar resection), customizable procedure programming
- **Automated output control**



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



- 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

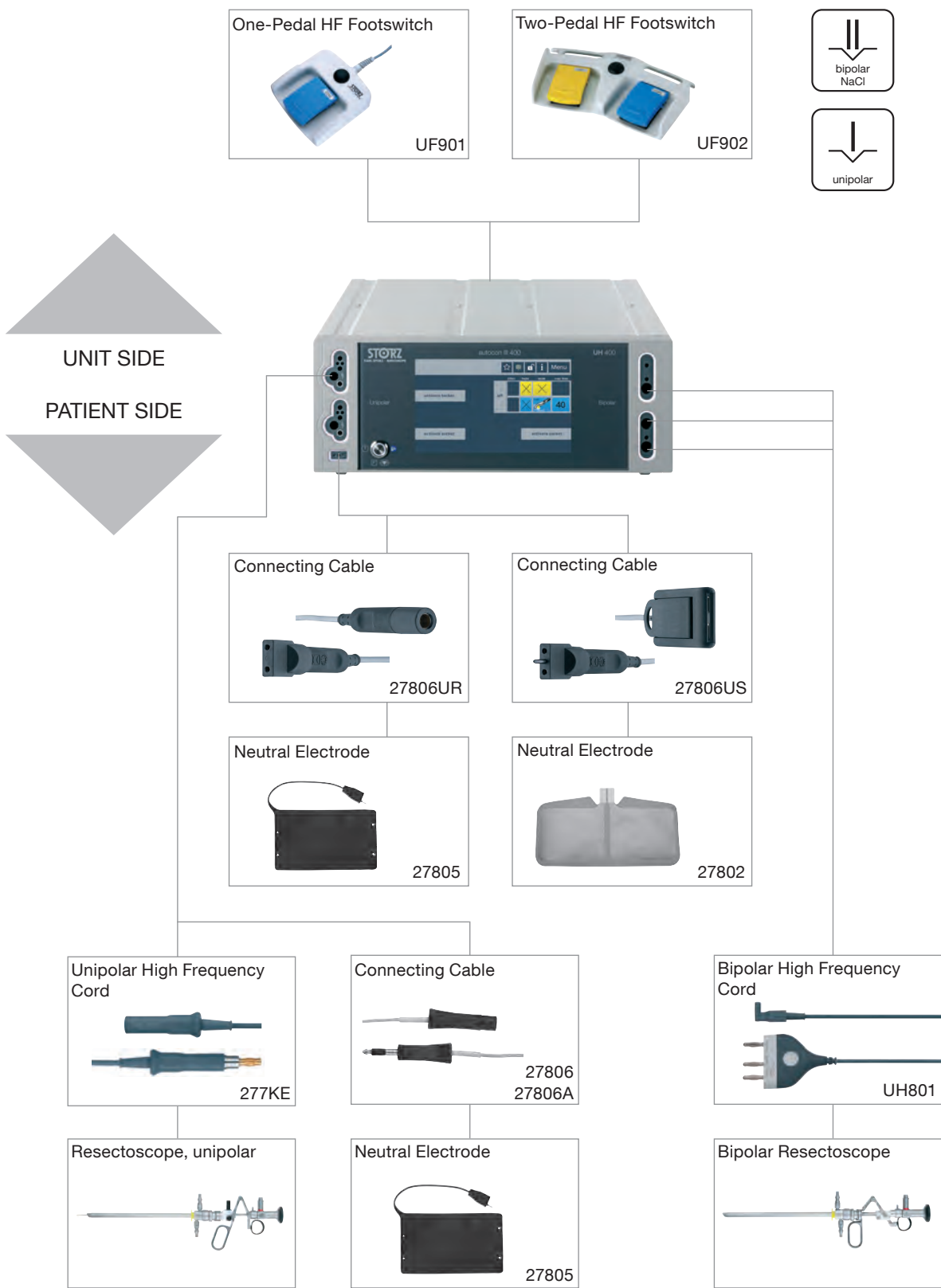
Same, without CE certification,
power supply 100 – 127 VAC, 50 / 60 Hz
- UH400E

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) bipolar: 400 Watt (at 75 Ohm)	Output frequency	350 kHz / 1 MHz
Power supply	220 – 240 VAC, 50 / 60 Hz (UH 400, UH 400E) 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 Bipolar sockets: 2 (can be expanded to 3)		



Optional Components

for AUTOCON® III 400 SCB

For use with AUTOCON® III 300 and AUTOCON® III 400

	UF901	One-Pedal HF Footswitch , with button for switchover function, for use with HF generators
	UF902	Two-Pedal HF Footswitch , with button for switchover function, for use with HF generators
	27805	Neutral Electrode , made of conductive silicone, with 2 rubber ties for fastening, contact surface A = 500 cm ² , 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
	27806UR	Neutral Electrode Connecting Cable , for use with Neutral Electrode 27805
	27806US	Neutral Electrode Connecting Cable , for use with Neutral Electrode 27802
	27802	Neutral Electrode , contact surface divided into two, A = 169 cm ² , 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
	26520043	Electrode Handle , with 2 buttons for activating the unipolar generator, yellow button: unipolar cutting, blue button: unipolar coagulation, High Frequency Cable 26520045 required
	26520045	High Frequency Cable , for Electrode Handle 26520043, length 400 cm, for use with AUTOCON® II 400 SCB 20535220-111 and 20535220-115

High Frequency Cords

Unipolar High Frequency Cords



KARL STORZ Instrument	High Frequency Surgical Unit		
		26002M	Unipolar High Frequency Cord , with 4 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type T older models
		26004M	Unipolar High Frequency Cord , with 4 mm plug, length 300 cm, compatible with Martin HF units
	 	26005M	Unipolar High Frequency Cord , with 5 mm plug, length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe type ICC and Erbe VIO 300
		26006M	Unipolar High Frequency Cord , 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		
		26176LE	Bipolar High Frequency Cord , length 300 cm, for use with AUTOCON® III and AUTOCON® II, compatible with Erbe-Coagulator, T and ICC series
		26176LM	Bipolar High Frequency Cord , length 300 cm, compatible with Martin HF units
		26176LV	Bipolar High Frequency Cord , 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
		26176LW	Bipolar High Frequency Cord , 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

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



495G
495F

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 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

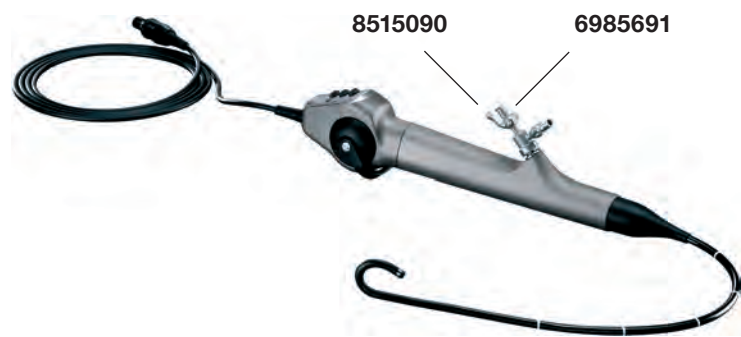
495F

Receptacle, diameter 9 mm,
for Wolf fiber optic light cable

495G

Screw Base, for KARL STORZ
fiber optic light cables and Olympus
Corporation

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

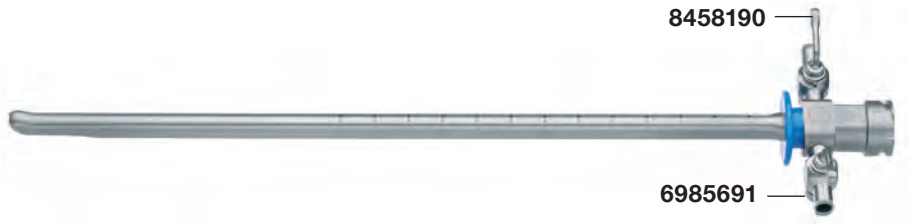
8515090
Stopcock

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



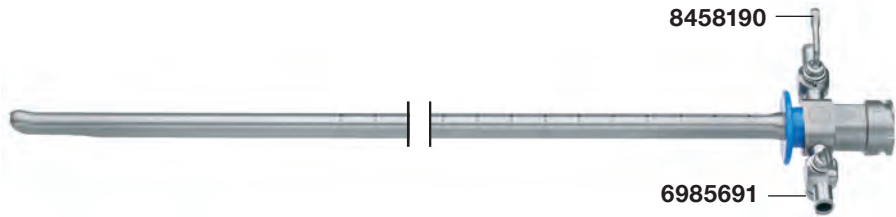
Spare Parts

8458190	6985691
Stopcock	Spring Cap

Cysto-Urethroscope Sheath

Rigid Cystoscope, extra long

Components / Spare Parts		Catalog page
27027KLK	Cystoscope-Urethroscope Sheath	21

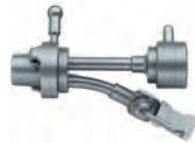


Spare Parts

8458190
Stopcock

6985691
Spring Cap

Components / Spare Parts		Catalog page
27027NL	Telescope Bridge	21



27027E
Catheter Deflecting Mechanism



21

Spare Parts

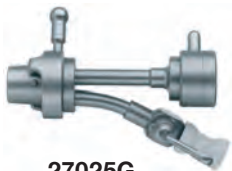
27550C-10
Sealing Cap, drill hole diameter 1.2 mm,
package of 10

27027O
Filling Rod, for 27027E

8541890
Stopcock

6985691
Spring Cap

Components / Spare Parts		Catalog page
27025G	Telescope Bridge	22
27025GA	Telescope Bridge	22
27025GFA	Telescope Bridge	22



27025G

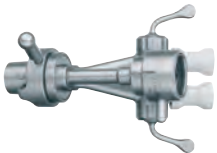
Spare Parts

27550C-10
Sealing Cap, drill hole diameter 1.2 mm,
package of 10

6985691
Spring Cap

8541890
Stopcock

Components / Spare Parts		Catalog page
27025GF	Telescope Bridge	22



27025GF

Spare Parts

27550C-10
Sealing Cap, drill hole diameter 1.2 mm,
package of 10

6725195
Screw Cap

6785495
Stopcock

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

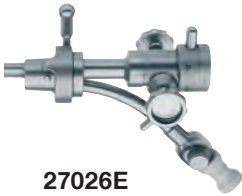
6725195
Screw Cap

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

Universal Cysto-Urethroscopes

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
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27034AK	Cystoscope-Urethroscope Sheath	33
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Spare Parts

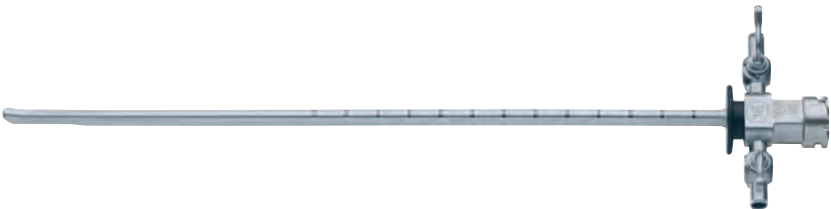
27550A-10
Sealing Cap, drill hole diameter 0.8 mm,
package of 10

6985691
Spring Cap

8515090
Stopcock

Components / Spare Parts	Catalog page
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27034BK	Cystoscope-Urethroscope Sheath	33
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Spare Parts

8458190
Stopcock

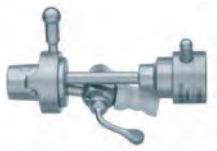
6985691
Spring Cap

Universal Cysto-Urethroscopes

Telescope Bridge, NICKEL Cystoscope Adaptor

Components / Spare Parts		Catalog page
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27034G	Telescope Bridge	33
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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
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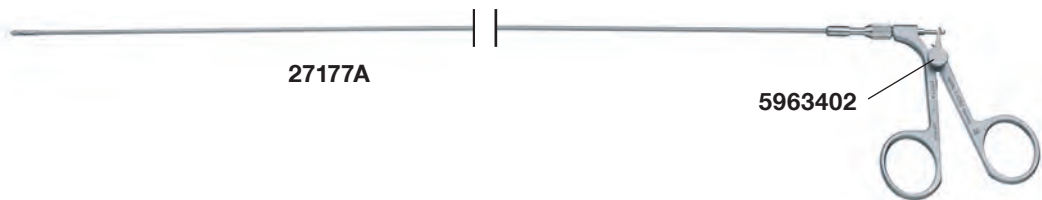
27026X	NICKELL Cystoscope Adaptor	31
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Spare Part

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

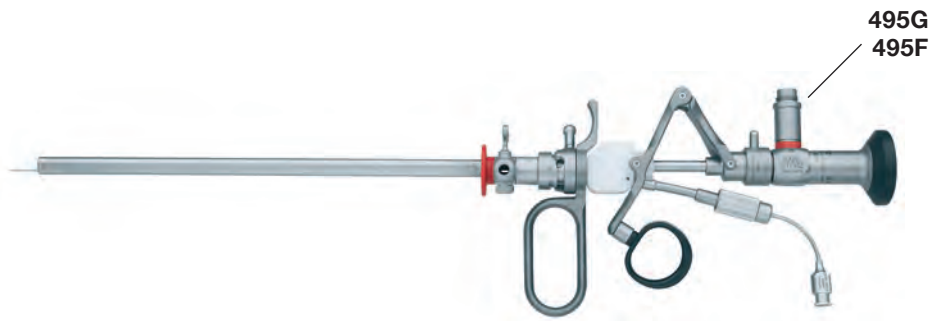
5963402

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

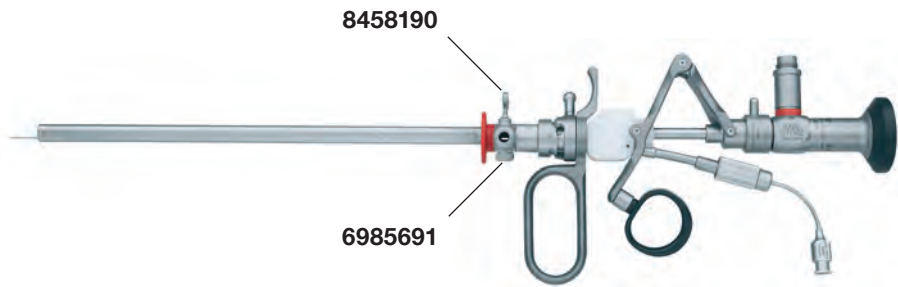


Spare Parts

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

Components / Spare Parts		Catalog page
27324AA	HOPKINS® Straight Forward Telescope 0°	39

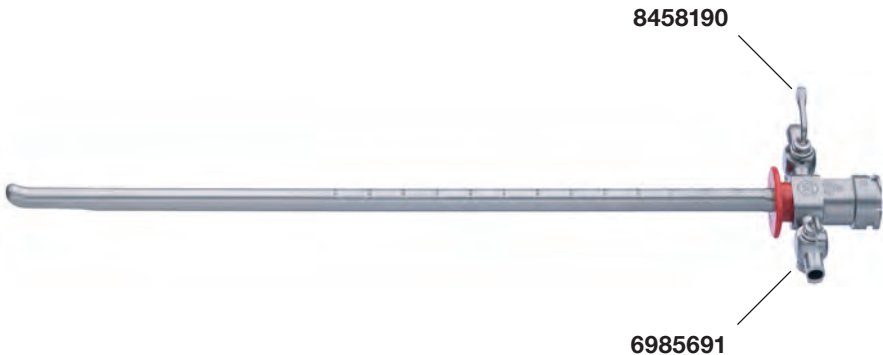


Spare Parts

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

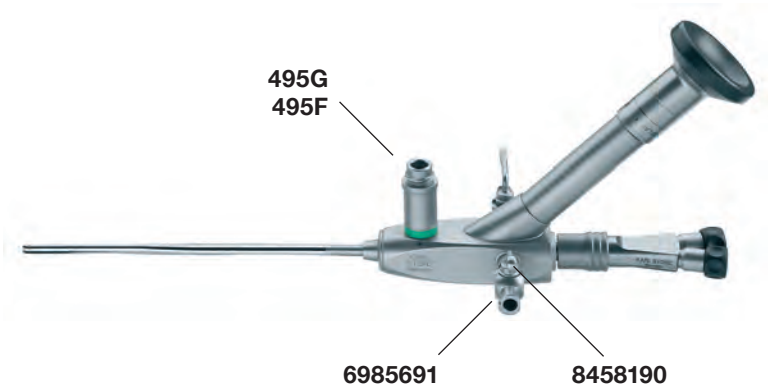


Spare Parts

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



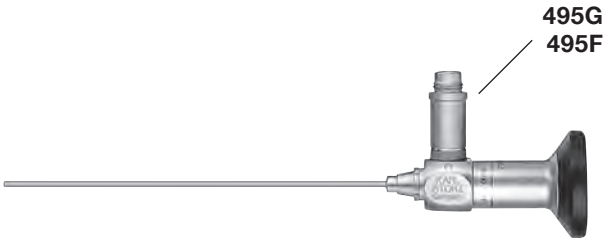
Spare Part

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

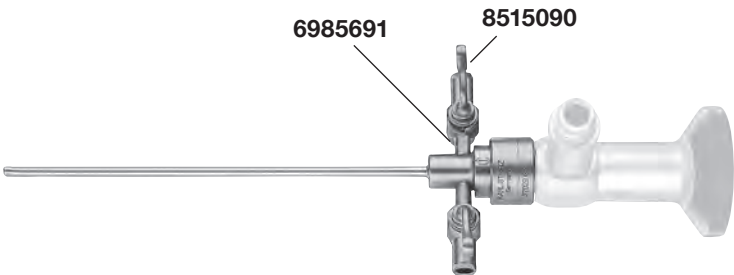
Spare Parts	
5904998 Sealing Cap, diameter 0.8 mm	5963402 Knurled Screw

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

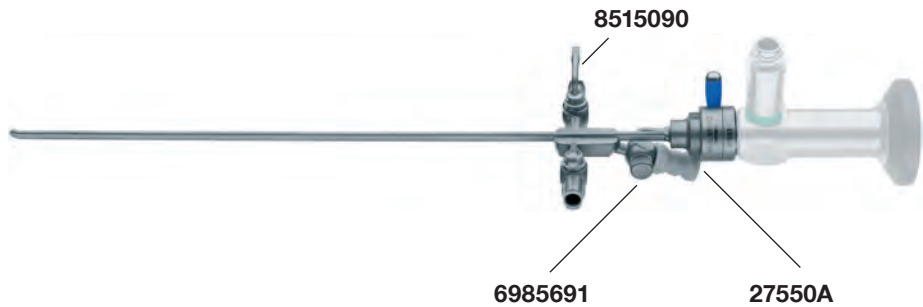
Miniature Straight Forward Telescope, Cysto-Urethroscope Sheaths

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



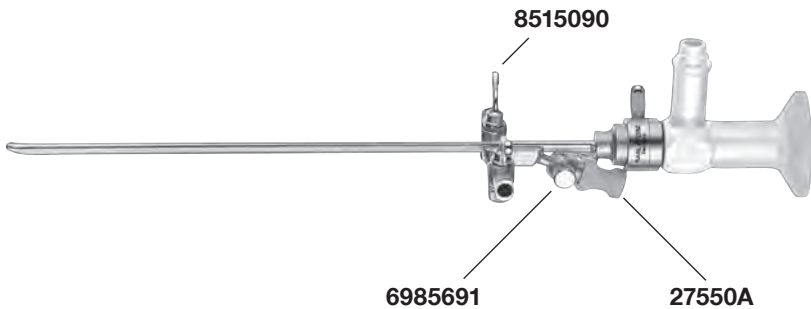
Spare Parts	
27550A-10 Sealing Cap , drill hole diameter 0.8 mm, package of 10	6985691 Spring Cap
8515090 Stopcock	

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	

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

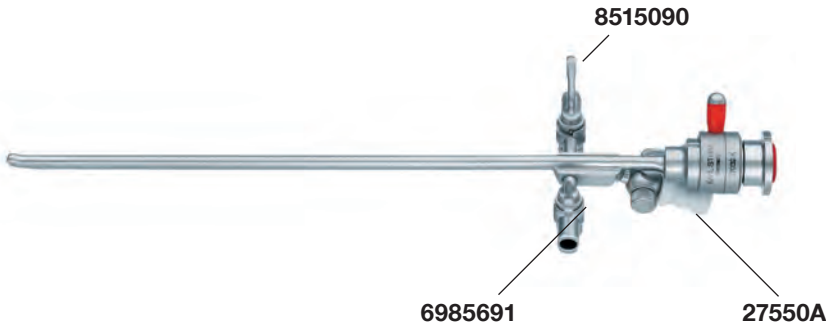


Spare Parts

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



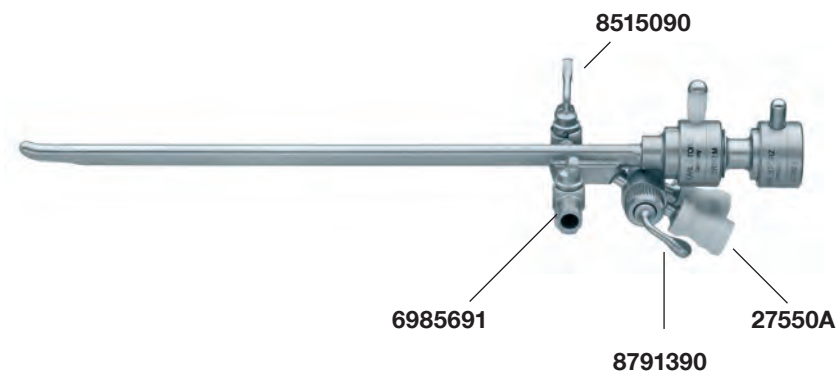
Spare Parts

27550A-10
Sealing Cap, drill hole diameter 0.8 mm,
 package of 10

6985691
Spring Cap

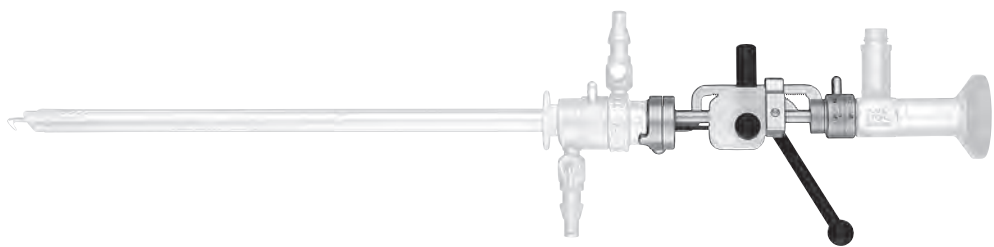
8515090
Stopcock

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	

Components / Spare Parts		Catalog page
27050E	Working Element	57, 115
27050D	Working Element	57, 75
27050C	Working Element	58



Spare Parts

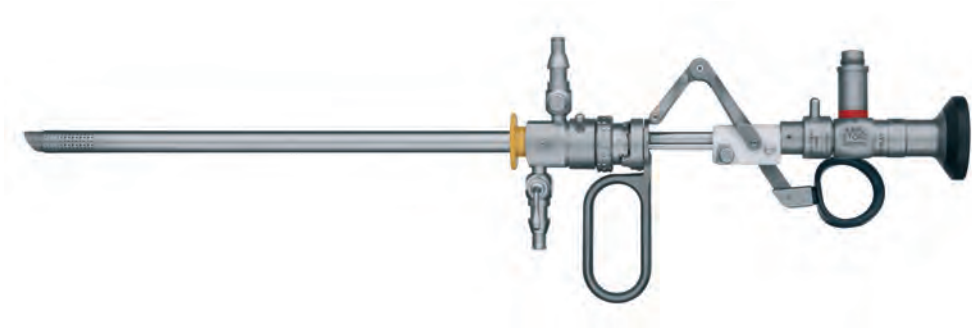
6370590-10
Teflon Seal,
package of 10

7068990
Rubber Cap

27040TZ
Triangular Arbor

Working Elements, bipolar

Components / Spare Parts		Catalog page
27040EB	Working Element	62
27040DB	Working Element	63, 77



Spare Parts

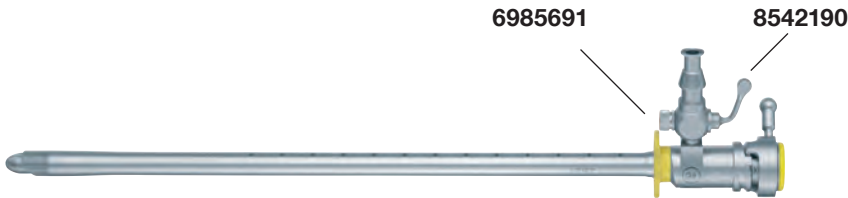
6345190-10
Teflon Seal,
package of 10

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, 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

5920800-10

O-Ring, silicone, inner diameter 7 x 1 mm,
package of 10

Components / Spare Parts		Catalog page
27051A	SCHMIEDT Visual Obturator	71
27051B	SCHMIEDT Visual Obturator	71
PV27051B	SCHMIEDT Visual Obturator	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
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27005AA	HOPKINS® Straight Forward Telescope 0°, enlarged view	3, 72
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Spare Parts

495F

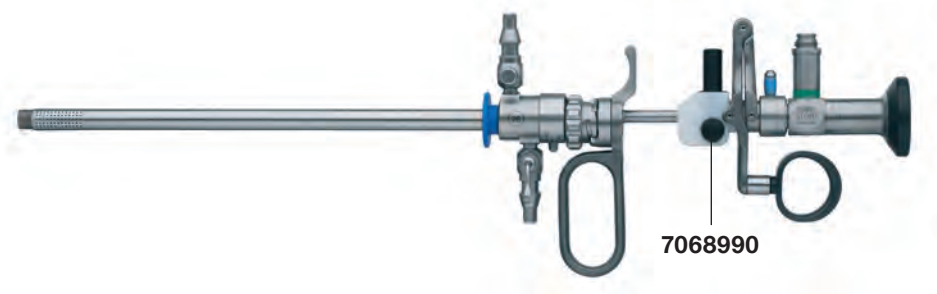
Receptacle, diameter 9 mm,
for Wolf fiber optic light cable

495G

Screw Base, for KARL STORZ
fiber optic light cables and Olympus
Corporation

Components / Spare Parts		Catalog page
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27053E	Working Element	72
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Spare Parts

6370590-10

Teflon Seal,
package of 10

7068990-10

Rubber Cap,
package of 10

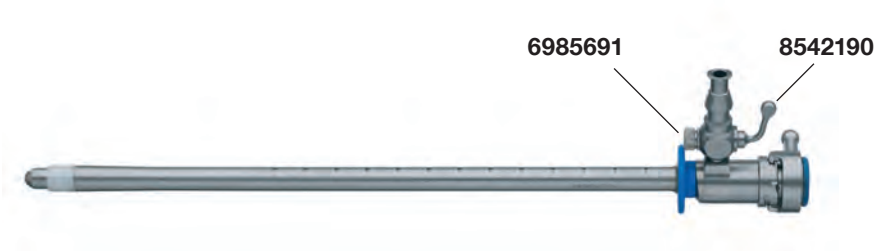
27040TZ

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

8542190
Stopcock

6985691
Spring Cap

Components / Spare Parts		Catalog page
27242BZK	Resectoscope Sheath, with central valve	73



Spare Parts

6648191
Stopcock

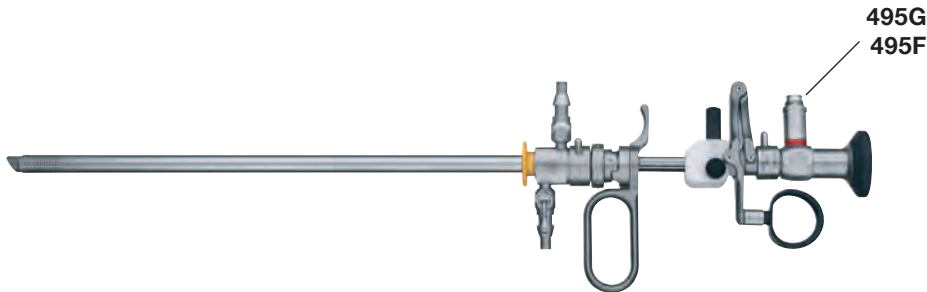
6909895
Knurled Ring

8897190
Cone Ring

8897090
Cone Ring

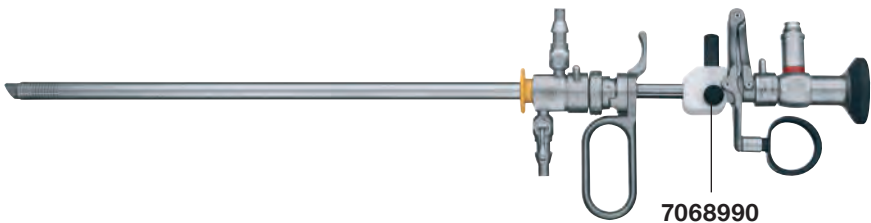
Resectoscope, extra long, unipolar

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

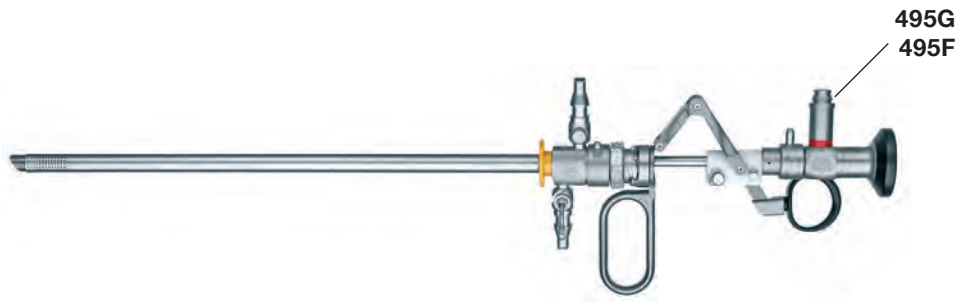
Components / Spare Parts		Catalog page
27050EP	Working Element	74
27050D	Working Element	57, 75



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

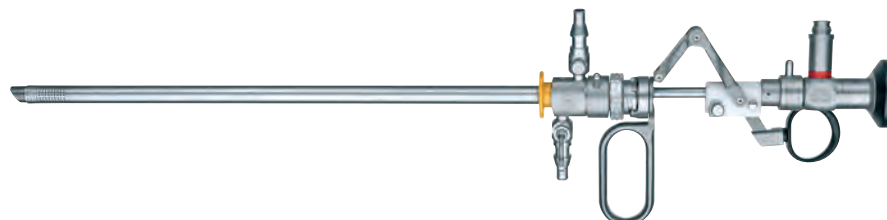


Spare Parts

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
27040DB	Working Element	63, 77



Spare Parts

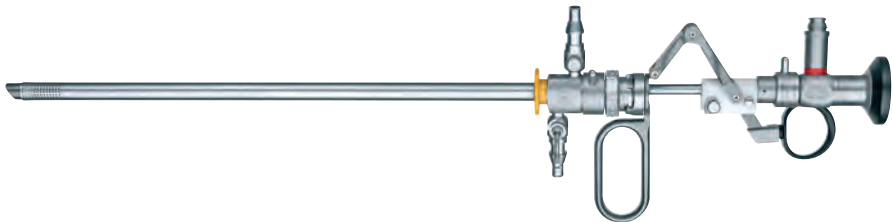
6370590-10
Teflon Seal,
package of 10

27040TZ
Triangular Arbor

Resectoscope, extra long, bipolar

Resectoscope Sheaths

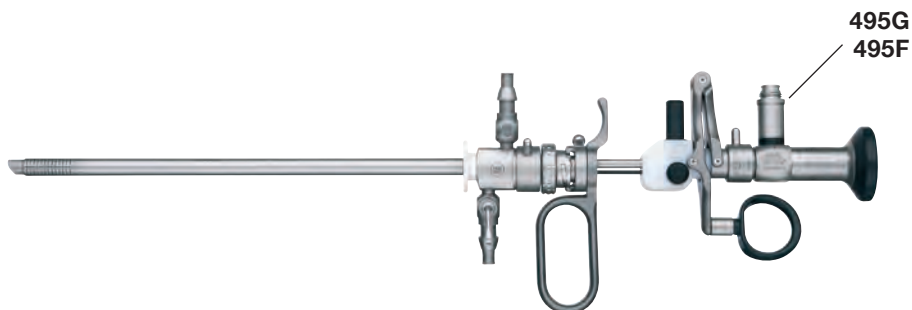
Components / Spare Parts		Catalog page
27051PLK	Resectoscope Sheath, with rotating inner sheath	78
27040BP	Resectoscope Sheath, with LUER-Lock stopcock	78



Spare Parts	
8542190 Stopcock	6985691 Spring Cap

Resectoscope, slender, unipolar

Components / Spare Parts		Catalog page
27020FA	HOPKINS® Telescope 12°, enlarged view	6, 33, 79, 80

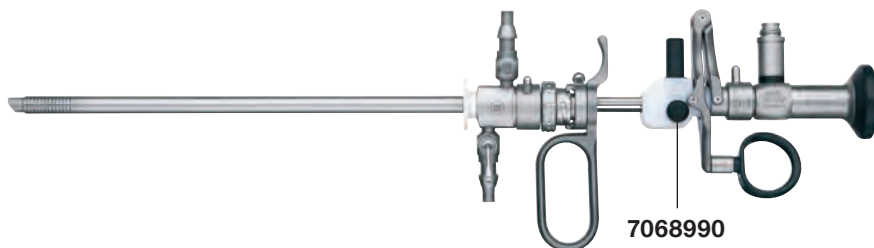


Spare Parts

495F
Receptacle, diameter 9 mm,
for Wolf fiber optic light cable

495G
Screw Base, for KARL STORZ
fiber optic light cables and Olympus
Corporation

Components / Spare Parts		Catalog page
27054E	Working Element	79



Spare Parts

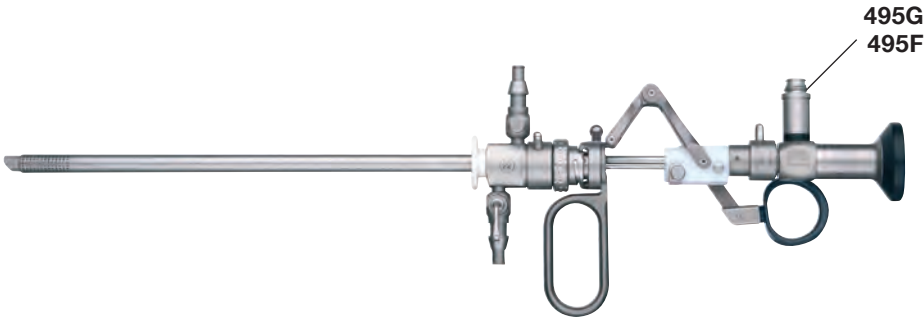
6370590-10
Teflon Seal,
package of 10

7068990-10
Rubber Cap,
package of 10

27040TZ
Triangular Arbor

Resectoscope, slender, bipolar

Components / Spare Parts		Catalog page
27020FA	HOPKINS® Telescope 12°, enlarged view	6, 33, 79, 80

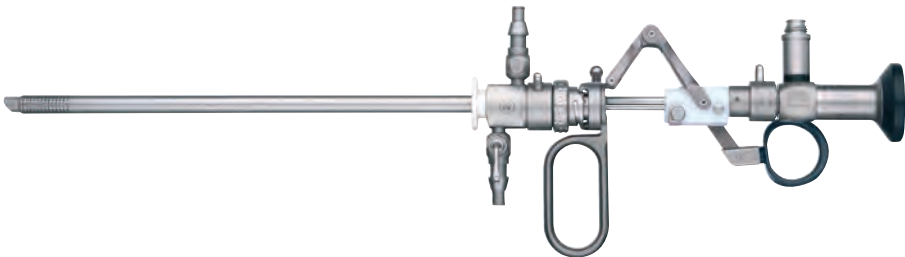


Spare Parts

495F
Receptacle, diameter 9 mm,
for Wolf fiber optic light cable

495G
Screw Base, for KARL STORZ
fiber optic light cables and Olympus
Corporation

Components / Spare Parts		Catalog page
27054EB	Working Element	80



Spare Parts

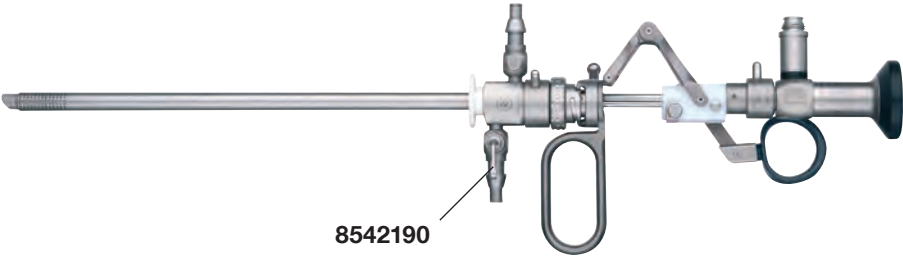
6370590-10
Teflon Seal,
package of 10

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

8542190
Stopcock

6985691
Spring Cap

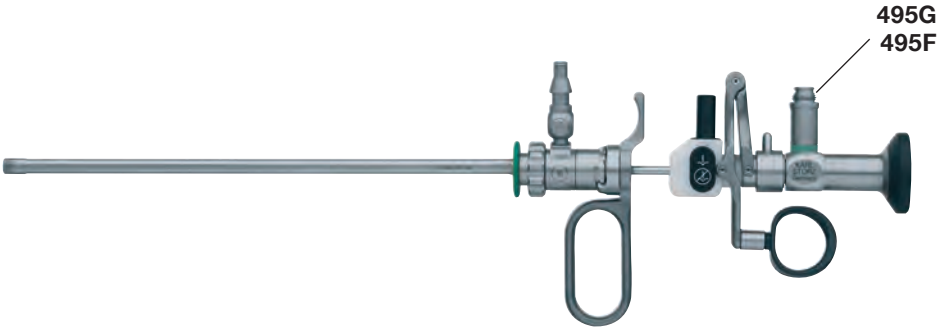
Components / Spare Parts		Catalog page
27054CB	Inner Sheath, rotating	82

Spare Part

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

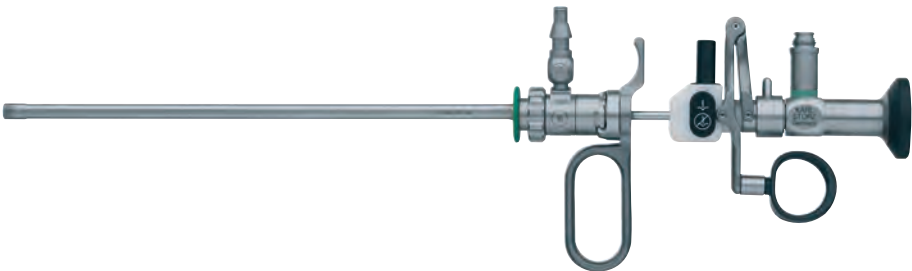


Spare Parts

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

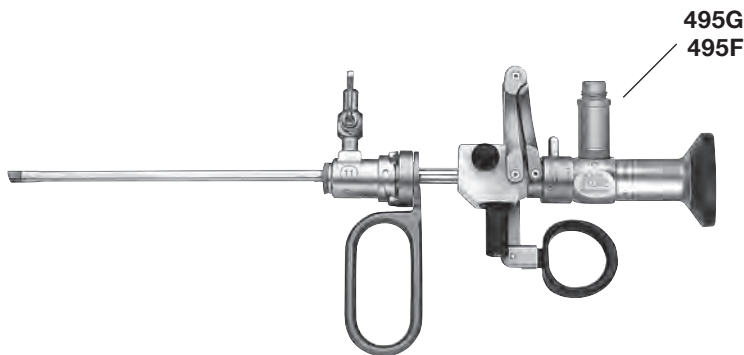
Components / Spare Parts		Catalog page
27046RK	Resectoscope Sheath, with rotating LUER-Lock stopcock	84



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

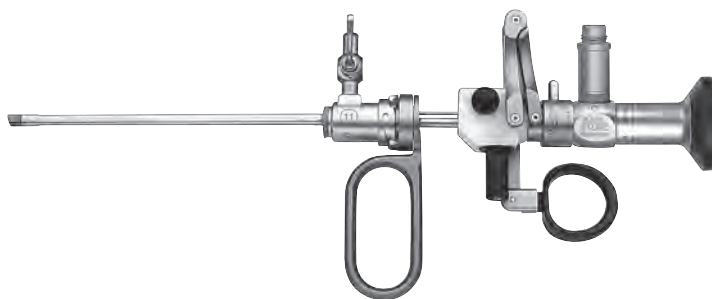


Spare Parts

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

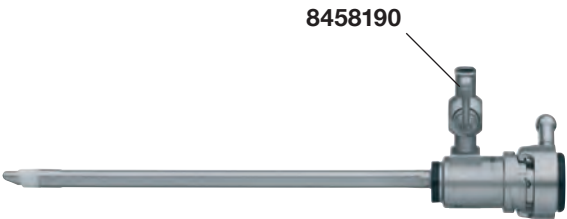
6345190-10
Teflon Seal,
package of 10

7068990-10
Rubber Cap,
package of 10

Resectoscope, small, unipolar

Resectoscope Sheaths, REUTER Trocar

Components / Spare Parts		Catalog page
27047CK	Resectoscope Sheath, with rotating LUER-Lock stopcock	86
27047EK	Resectoscope Sheath, with LUER-Lock stopcock	88
27033RK	Resectoscope Sheath, with LUER-Lock stopcock	90



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
27105K	REUTER Trocar	92



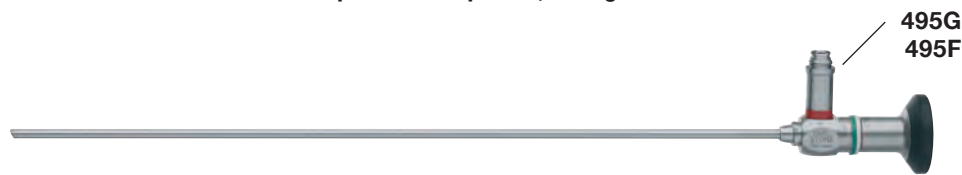
Spare Part

6127590-10
Sealing Cap, (50/4),
package of 10

Continuous-Flow LASER Cystoscope

Components / Spare Parts		Catalog page
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27005BGA	Greenlight Filter HOPKINS® Forward-Oblique Telescope 30°, enlarged view	5, 99, 101
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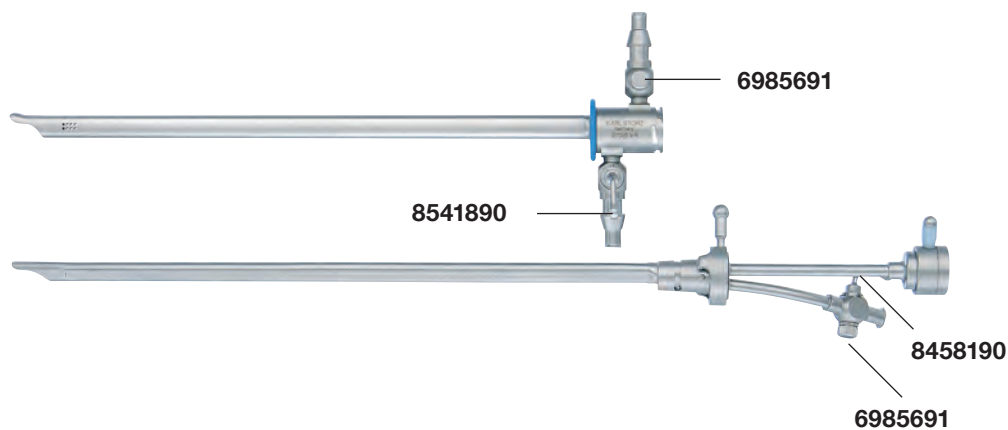
Spare Parts

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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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

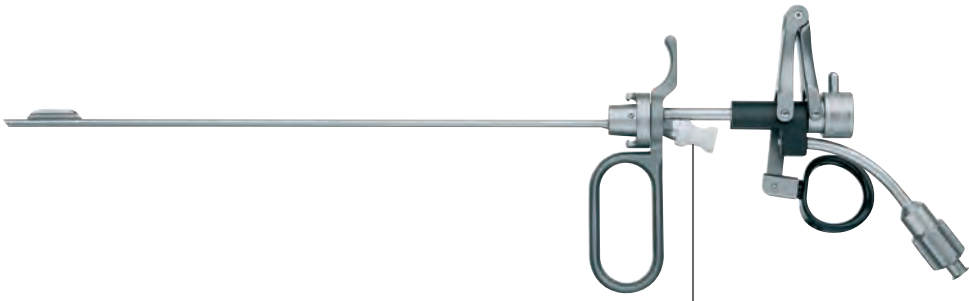
8458190
Stopcock, for 27026VI and 27026VIL

6985691
Spring Cap, for 27026VI and 27026VIL

LASER Working Element

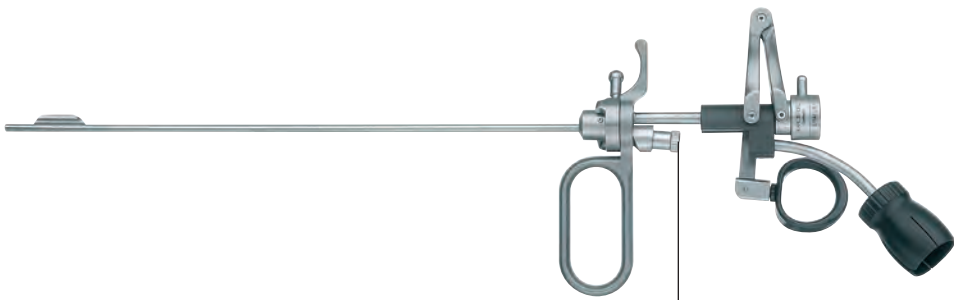
for vaporization

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

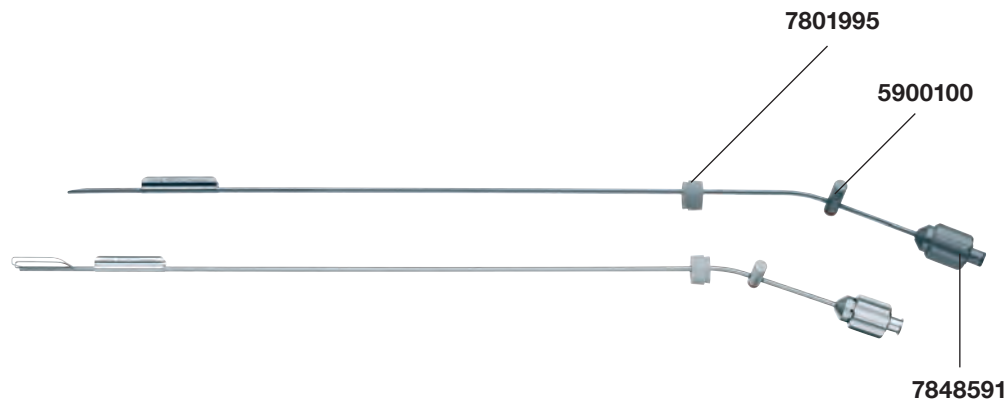
Components / Spare Parts		Catalog page
27042LV	LASER Working Element for Vaporization	102



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

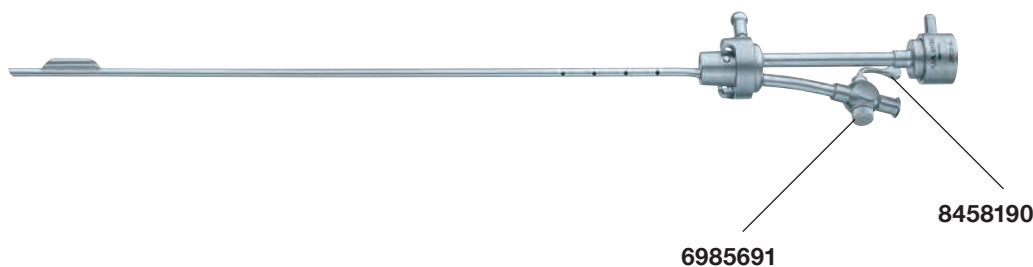
Components / Spare Parts		Catalog page
27056LA	KUNTZ Working Element	104
27056LB	KUNTZ Working Element	104



Spare Part

8285490
Sealing Cap

Components / Spare Parts		Catalog page
27050VL	LASER Catheter Deflecting Mechanism	104



Spare Parts

8458190
Stopcock

6985691
Spring Cap

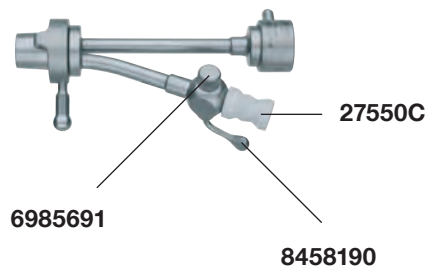
27550C-10
Sealing Cap, drill hole diameter 1.2 mm,
package of 10

Components / Spare Parts		Catalog page
27040XAL	Inner Sheath, with guiding device for laser probes	105
PV27040XAL-1	Inner Sheath, without guiding device for laser probes	105



Spare Parts	
8458190 Stopcock	6985691 Spring Cap

Components / Spare Parts		Catalog page
27068CD	Telescope Bridge	105, 114

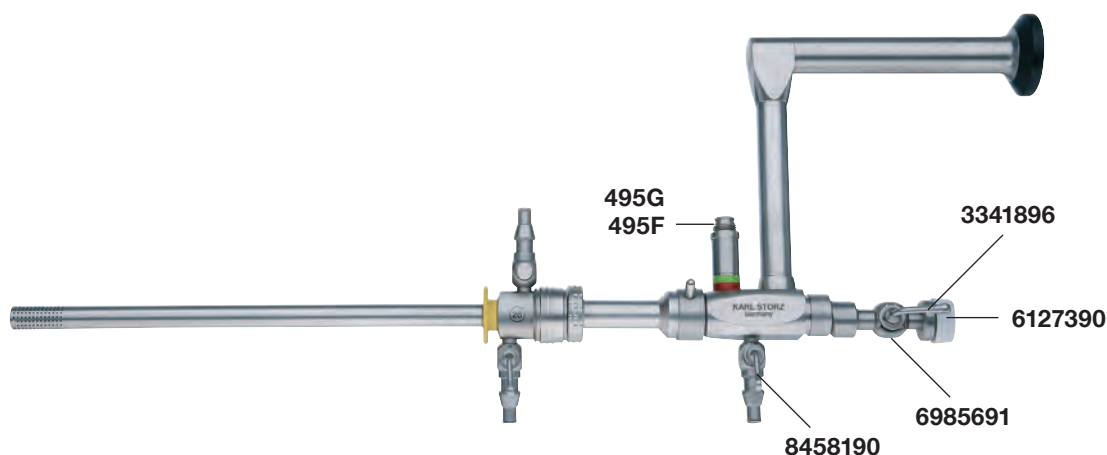


Spare Parts	
8458190 Stopcock	6985691 Spring Cap
27550C-10 Sealing Cap, drill hole diameter 1.2 mm, package of 10	

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



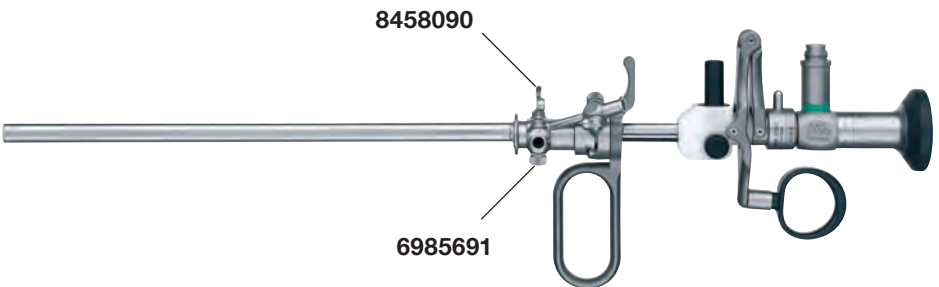
Spare Parts	
495F Receptacle , diameter 9 mm, for Wolf fiber optic light cable	495G Screw Base , for KARL STORZ fiber optic light cables and Olympus Corporation

Components / Spare Parts		Catalog page
27005AA	HOPKINS® Straight Forward Telescope 0°, enlarged view	3, 72



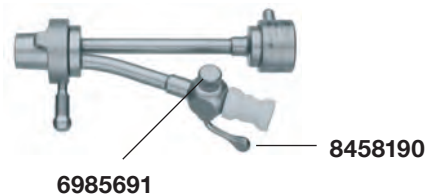
Spare Parts	
495F Receptacle, diameter 9 mm, for Wolf fiber optic light cable	495G Screw Base, for KARL STORZ fiber optic light cables and Olympus Corporation

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	
8458190 Stopcock	6985691 Spring Cap
27550C-10 Sealing Cap, drill hole diameter 1.2 mm, package of 10	

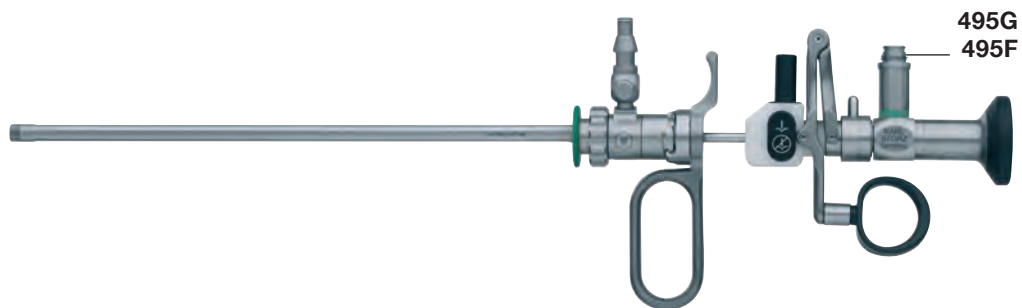
Components / Spare Parts		Catalog page
27068SK	Supplementary Sheath	114



Spare Parts	
8458190 Stopcock	6985691 Spring Cap
6127790-10 Sealing Cap, (50/6), package of 10	

Components / Spare Parts	Catalog page
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27020AA	HOPKINS® Straight Forward Telescope 0°	6, 33, 83
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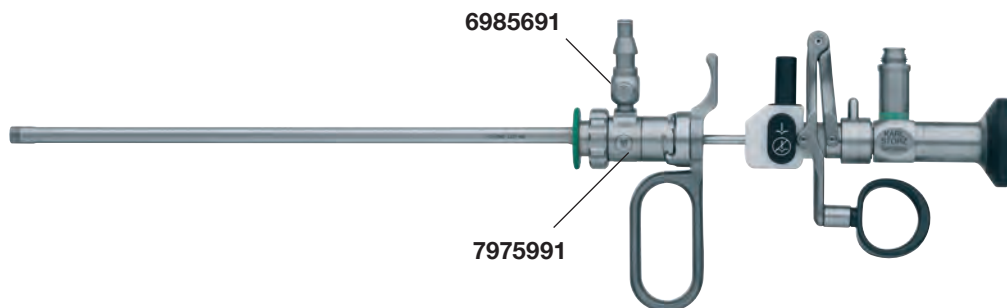
Spare Parts

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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27046UK	Urethrotome Sheath	116
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Spare Parts

8458190
Stopcock

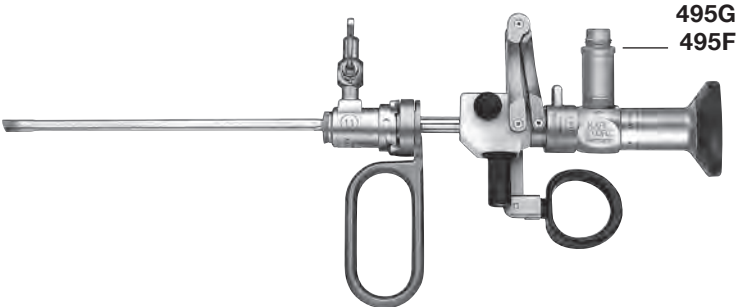
6985691
Spring Cap

8027291
Fixation Ring

5914200-10
O-Ring, package of 10

7975991
Connector, rotating

Components / Spare Parts		Catalog page
27017AA	HOPKINS® Straight Forward Telescope 0°	48, 87

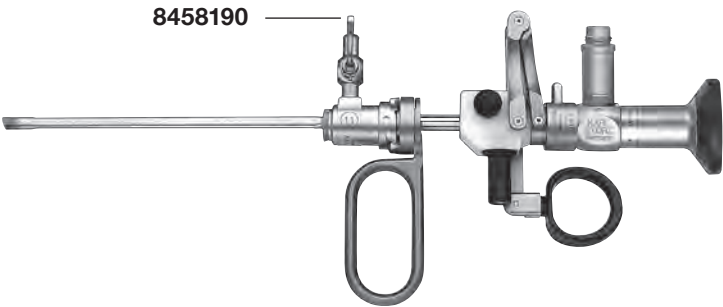


Spare Parts

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
27047BK	Urethrotome Sheath	117



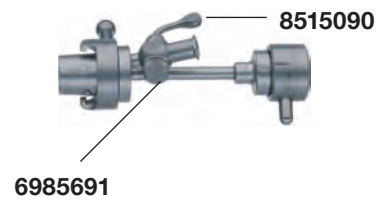
Spare Parts

8458190
Stopcock

6985691
Spring Cap

Components / Spare Parts		Catalog page
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27047F	Telescope Bridge	117
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Spare Parts	
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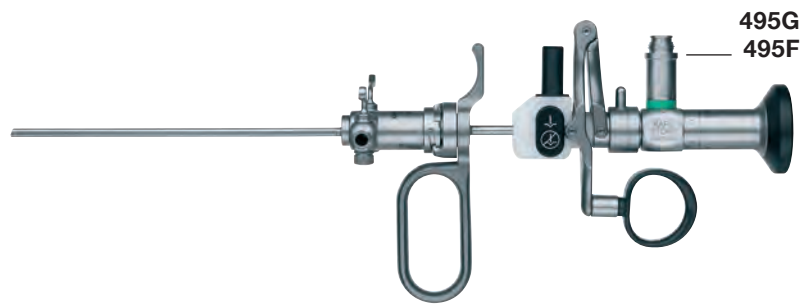
8515090
Stopcock

6985691
Spring Cap

27550A-10
Sealing Cap, drill hole diameter 0.8 mm,
package of 10

Components / Spare Parts		Catalog page
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27033AA	Miniature Straight Forward Telescope 0°	46, 89
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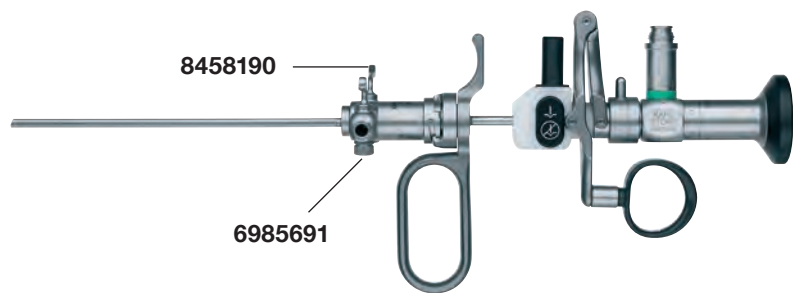
Spare Parts

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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27033UK	Urethrotome Sheath	118
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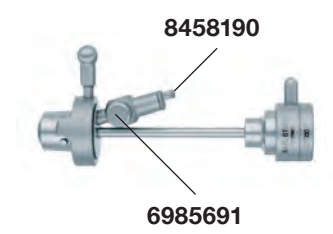
Spare Parts

8458190
Stopcock

6985691
Spring Cap

Components / Spare Parts		Catalog page
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27033F	Telescope Bridge	118
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Spare Parts

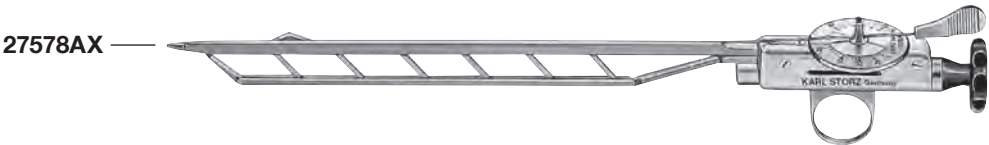
8458190
Stopcock

6985691
Spring Cap

27550A-10
Sealing Cap, drill hole diameter 0.8 mm,
package of 10

Components / Spare Parts	Catalog page
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27578AK	OTIS-MAUERMAYER Urethrotome	119
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Spare Part

27578AX
Unscrewable Tip

Components / Spare Parts	Catalog page
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27074SZ	Adaptor	131
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Spare Parts

8458190 Stopcock	6985691 Spring Cap
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Components / Spare Parts	Catalog page
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27074SC	Adaptor	131
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Spare Part

5920800-10
O-Ring, inner diameter 7 x 1 mm,
package of 10

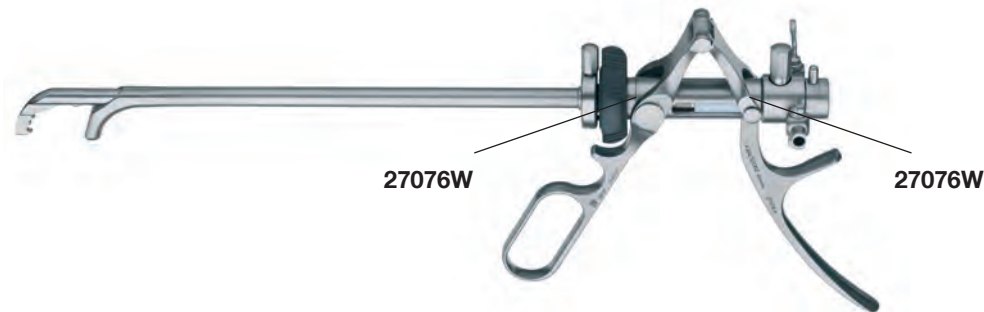
Components / Spare Parts

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

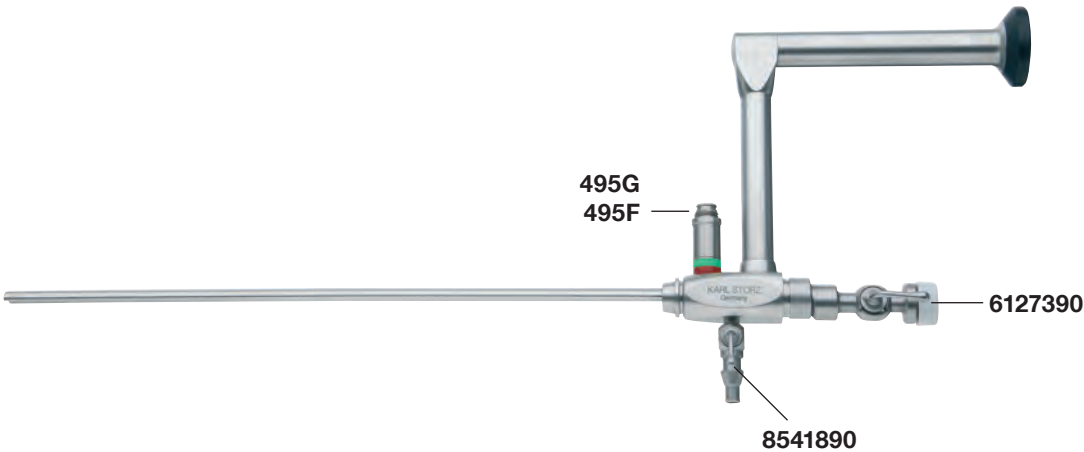


Spare Parts	
8458190 Stopcock	6985691 Spring Cap
27550C-10 Sealing Cap, drill hole diameter 1.2 mm, package of 10	

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)	

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

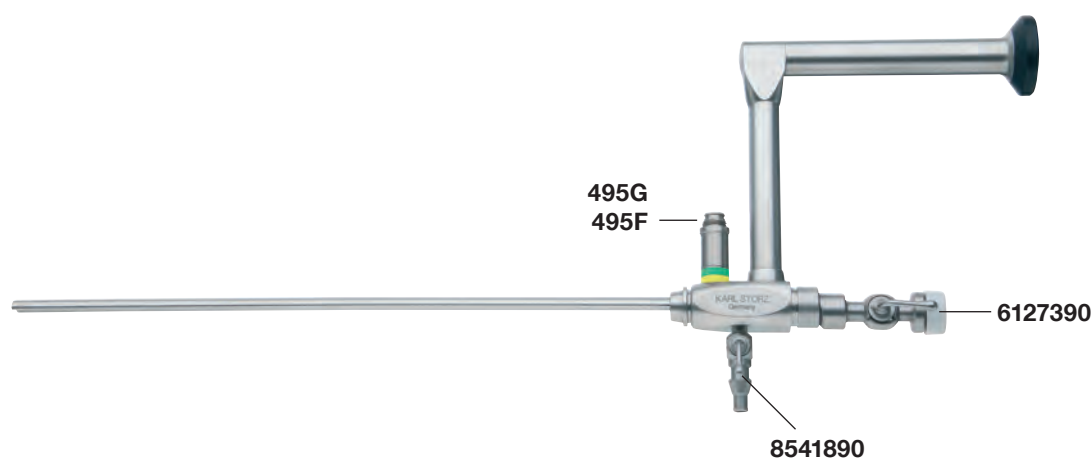


Spare Parts	
for use with 27093GM	for use with 27040SC
6127690-10 Sealing Cap, (50/5), package of 10	5920800-10 O-Ring, inner diameter 7 x 1 mm, package of 10

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

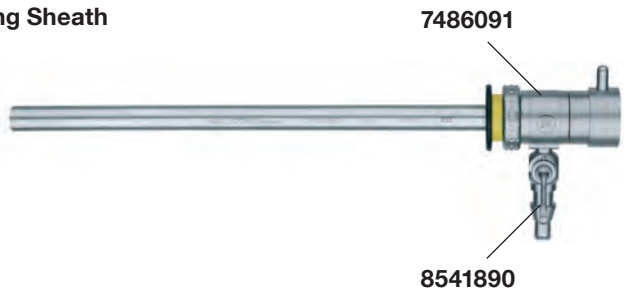
Spring Cap

6127390-10

Sealing Cap, (50/2.6),
package of 10

Components / Spare Parts		Catalog page
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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
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27093GM	Adaptor	148, 150, 155
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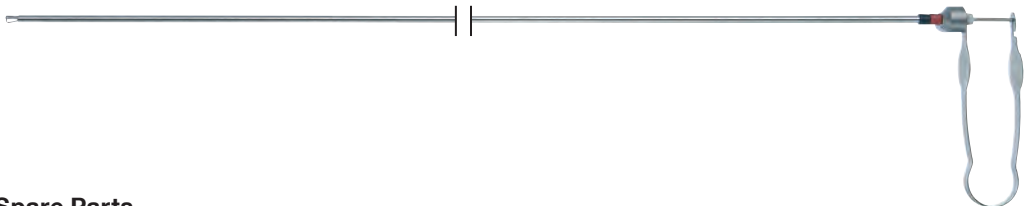


Spare Part

6127690-10
Sealing Cap, (50/5)

Components / Spare Parts		Catalog page
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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, package of 10

Components / Spare Parts		Catalog page
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27290K	Forceps	151, 156, 164
27290DL	Biopsy Forceps	151
27290M	Forceps	151, 156, 164
27290SA	Scissors	151, 156

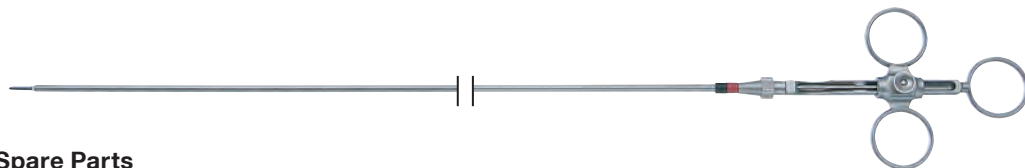


Spare Part

29100
Plug

Components / Spare Parts		Catalog page
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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

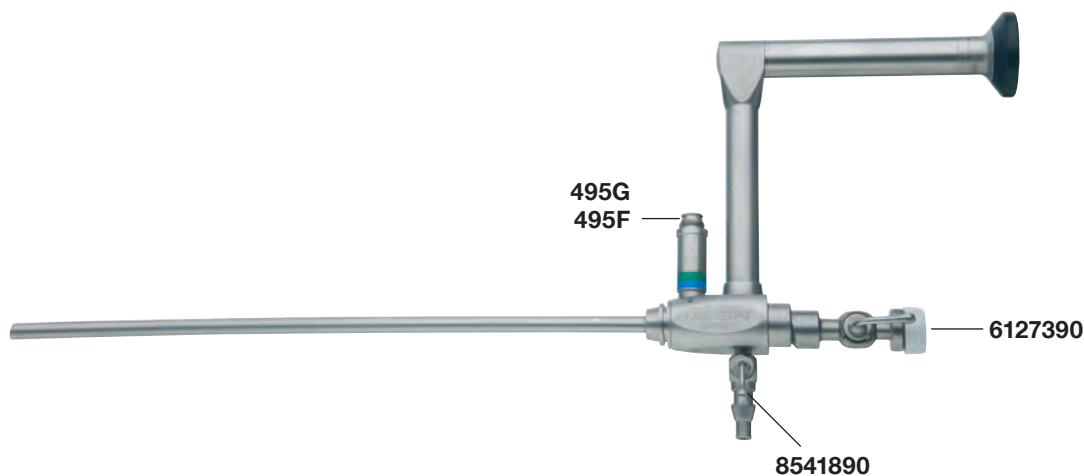
6011590
Plug

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



Spare Part
6127690-10 Sealing Cap, (50/5), package of 10

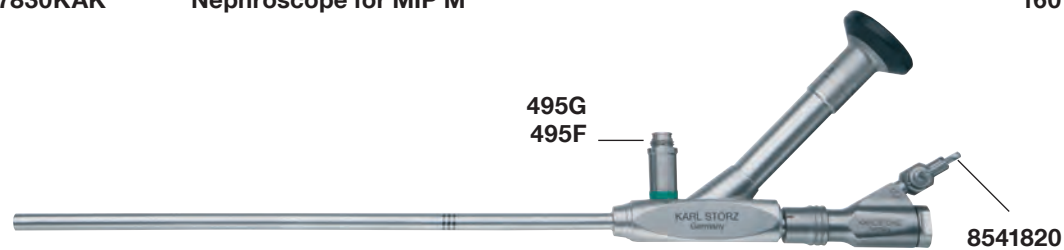
Components / Spare Parts		Catalog page
27290K	Forceps	156, 164
27290M	Forceps	156, 164
27290SA	Scissors	151, 156



Spare Part

29100
Plug

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

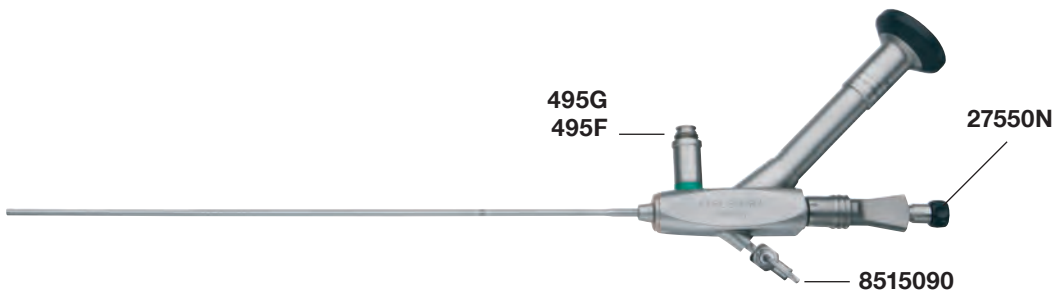
Components / Spare Parts

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

Components / Spare Parts		Catalog page
27830FK	Forceps for Foreign Body Removal	165
27830FL	Biopsy Forceps	165
27830S	Scissors	165

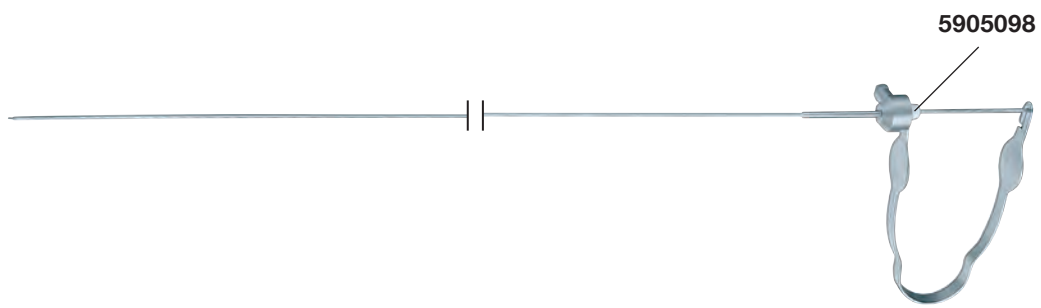


Spare Parts	
5963402 Knurled Screw	5905098-10 Sealing Cap, package of 10

Optional Products

for MIP L/M

Components / Spare Parts		Catalog page
27830H	Forceps	165



Spare Part

5905098-10
Sealing Cap, package of 10

Components / Spare Parts		Catalog page
27000LK	Uretero-Renoscope, Set	168
27000KK	Ureterscope, Set	168
27001LK	Uretero-Renoscope, Set	169
27001KK	Ureterscope, Set	169
27002LK	Uretero-Renoscope, Set	170
27002KK	Ureterscope, 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

Components / Spare Parts		Catalog page
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

Components / Spare Parts		Catalog page
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

Components / Spare Parts		Catalog page
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

5963402
Knurled Screw

5905098-10
Sealing Cap, package of 10

Components / Spare Parts		Catalog page
27023ABA	HOPKINS® Straight Forward Telescope 0°	182

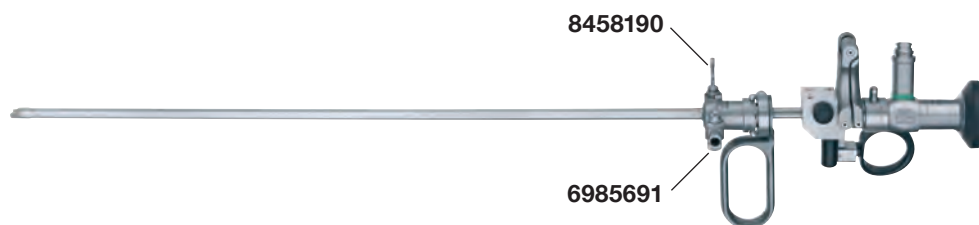


Spare Parts

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
27023RB	Sheath	183



Spare Parts

495F
Receptacle, diameter 9 mm,
for Wolf fiber optic light cable

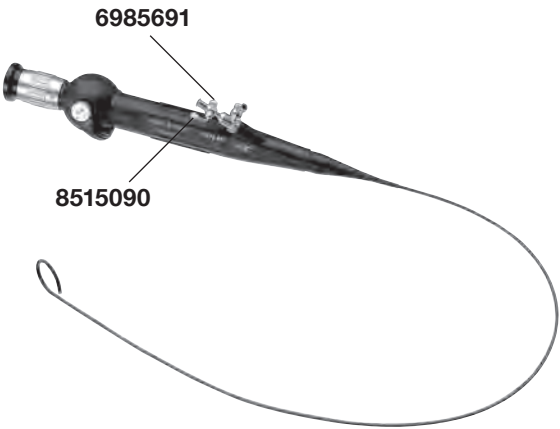
495G
Screw Base, for KARL STORZ
fiber optic light cables and Olympus
Corporation

8458190
Stopcock

6985691
Spring Cap

Cysto-Urethro-Fiberscopes FLEX-X²

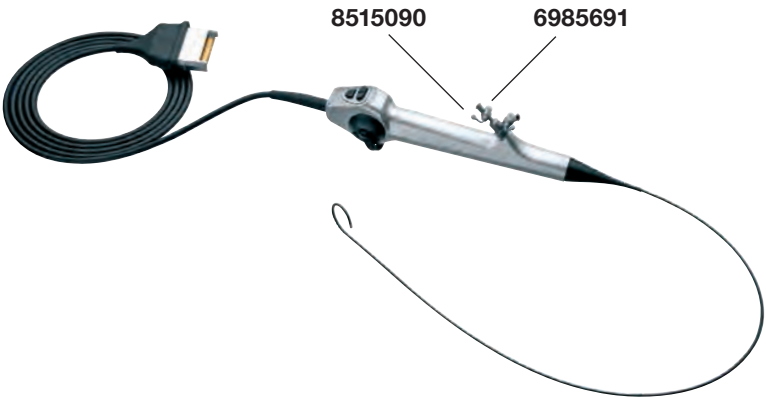
Components / Spare Parts		Catalog page
11278ACK1	Cysto-Urethro-Fiberscope FLEX-X ²	184
11278ACUK1	Cysto-Urethro-Fiberscope FLEX-X ²	184



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^c, flexible

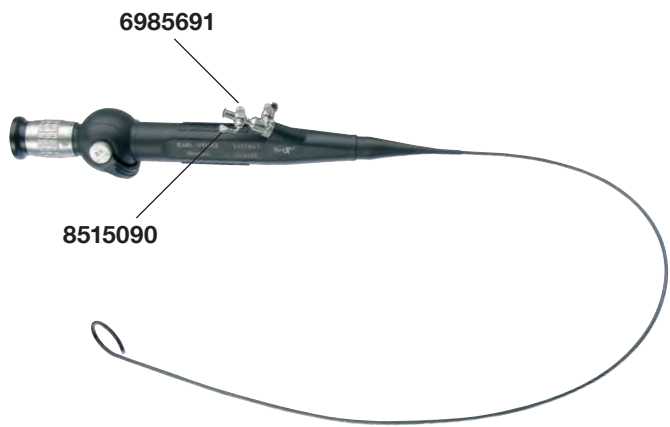
Components / Spare Parts		Catalog page
11278VSK	Video Uretero-Renoscope FLEX-X ^c , Set	186
11278VSUK	Video Uretero-Renoscope FLEX-X ^c , Set	186



Spare Parts	
8515090 Stopcock	6985691 Spring Cap

Uretero-Reno-Fiberscopes FLEX-X^{2S}, flexible

Components / Spare Parts		Catalog page
11278AK1	Uretero Reno-Fiberscope FLEX-X ^{2S} , Set	194
11278AUK1	Uretero-Reno-Fiberscope FLEX-X ^{2S} , 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

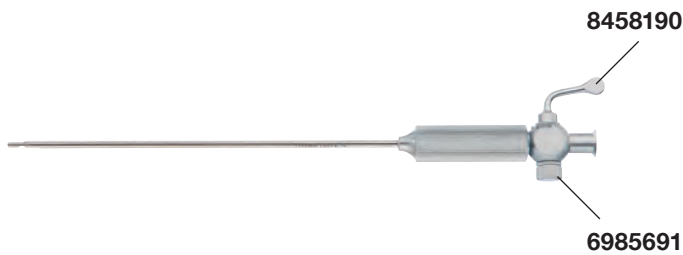


Spare Parts

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

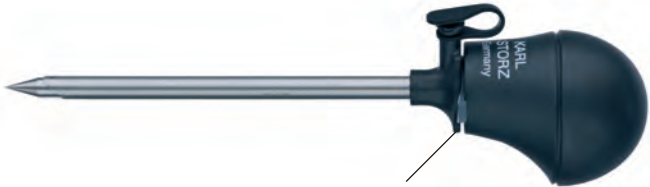


Spare Parts

8458190
Stopcock

6985691
Spring Cap

Components / Spare Parts		Catalog page
30160GYG	Trocar	202
30114GYG	Trocar	202



021299

Spare Part

021299-10
Valve Seal,
sterile, for single use,
package of 10

Components / Spare Parts		Catalog page
30117GP	Trocar	202



6127390

Spare Parts

6127390-10
Sealing Cap, (50/2.6),
package of 10

7720590-10
Silicone Leaflet Washer,
package of 10

Components / Spare Parts		Catalog page
31351ML	CLICK'line [®] KELLY Dissecting and Grasping Forceps	202
31366ONM	CLICK'line [®] Grasping Forceps	202
31351MW	CLICK'line [®] Scissors	202
31351EH	CLICK'line [®] Micro Hook Scissors	202

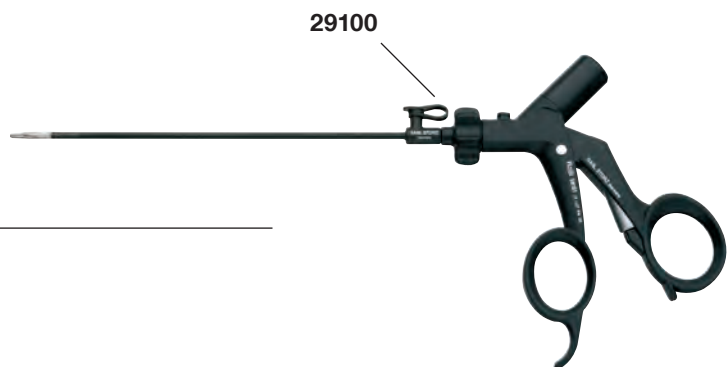
Spare Part

29100
Plug

Components / Spare Parts		Catalog page
38951MD	ROBI [®] KELLY Grasping Forceps	202
38951ON	ROBI [®] Grasping Forceps	202
38951MW	ROBI [®] Scissors	202

Spare Part

29100
Plug



Components / Spare Parts		Catalog page
26167ANL	Suction and Irrigation Tube	202

Spare Part

5917900-10
O-Ring, silicone, small, inner diameter
7.65 x 1.78 mm, package of 10

Components / Spare Parts		Catalog page
30805	Handle with Two-Way Stopcock	202



Spare Parts

26173BT Stopcock	6979091 Spring Cap
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Components / Spare Parts		Catalog page
26167LNL	KOH Ultramicro Needle Holder	202
26167RNL	KOH Ultramicro Needle Holder	202

Spare Part

6011590
Plug,
for LUER-Lock connector

ENDOCAMELEON® and Telescopes for Laparoscopy

Components / Spare Parts		Catalog page
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
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

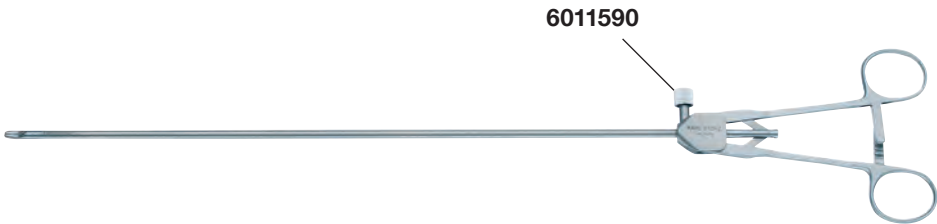
Receptacle, diameter 9 mm,
for Wolf fiber optic light cable

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



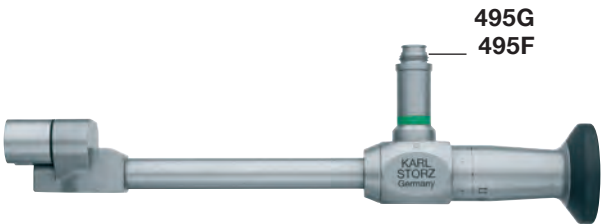
Spare Part	
6011590	
Plug,	
for LUER-Lock connector	

Components / Spare Parts		Catalog page
27710LL	LASER Applicator	215



Spare Parts		
8541890	6985691	
Stopcock	Spring Cap	

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		Catalog page
495VIT	Fiber Optic Light Cable	242



Spare Parts

495-12
Screw Cap, for connection
to telescope/instrument

495-13
Slot Nut, for fixation of
screw cap

495-47
Socket Wrench, for slot nut

