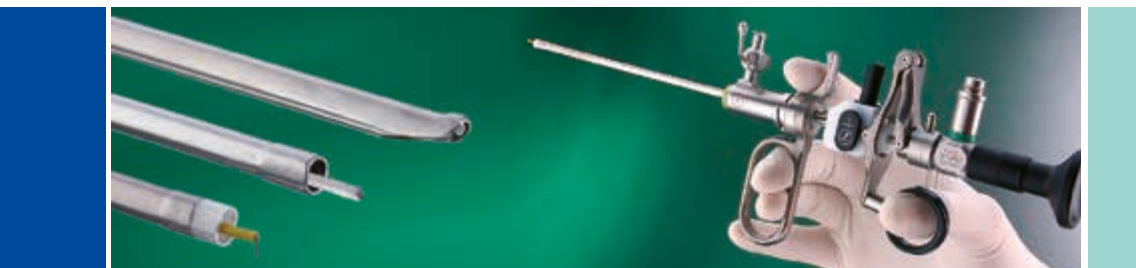


Thin pediatric system

Cystoscopes, resectoscope, urethrotome



Thin Pediatric System

“Size matters” in the spectrum of urological care from baby to grandparent. The new thin pediatric systems for endoscopy in neonates and children are a major improvement in urological care for pediatric urologists, general urologists and pediatric surgeons. The development of the 1.2 mm fiber optic telescope made it possible to minimize the size of the neonatal endoscope, anti-reflux endoscope, urethrotome and resectoscope and build a new line of special instruments.

The endoscopes can be used for the evaluation of the lower urinary tract in neonates and children as well as in adolescents for inspection of the urethra, prostatic urethra, bladder and ureter-ostium.

In case of a urethral stricture the urethrotome can be used for the incision of scar tissue. When posterior urethral valves are present they can be incised with a small hook knife and in selected cases the resectoscope is indicated. Sub-ureteral injection of viscous fluids can be performed with the special instrument for anti-vesico-ureteral reflux therapy.

A high level of care for size and anatomical detail, as well as fine controlled tissue handling and manipulations should be taken into consideration in the use in neonates and children. The thin pediatric system gives improved possibilities in terms of diagnosis and treatment, the endoscopic view is excellent for its clinical use.

Wouter F.J. Feitz, MD, PhD,
Professor of Pediatric Urology,
Radboud University Nijmegen,
Netherlands

Excellent optical quality

The new fiber optics developed by KARL STORZ enable miniaturization of pediatric cystoscopes, urethrotomes and resectoscopes. Despite the endoscope's small diameter, the fiber optics guarantee excellent image quality with optimal detail resolution.



Endoscopic picture of bladder neck and left ureterocele



Endoscopic picture of a trabeculated bladder in posterior urethral valves with hook knife

Simple and atraumatic treatment

Due to the distal, atraumatically shaped end of the sheath, the thin instruments can be easily inserted into the lower urinary tract.

Vesicoureteral reflux - VUR

With the proximally extended instrument channel in the reflux sheath, the rigid needles can be gently inserted into the working channel, without becoming blunt. The optimized working channel guides the reflux needle with excellent precision and thus facilitates treatment.

Pediatric resectoscope and urethrotome

The newly designed working element for the pediatric resectoscope and urethrotome permits the urethrotome to cut from 6 to 12 o'clock.



Cystoscope-Urethroscope

8 Fr. / 9 Fr.

Special features:

- Distal atraumatically shaped end of the sheath
- Two right angled lateral irrigation ports
- Minimal sheath diameter
- The wide working channel allows use of rigid instruments 4 Fr. or 5 Fr.
- Autoclavable



27033 C / 27033 D

27033 AA

27033 AA	Miniature Straight Forward Telescope 0° , diameter 1.2 mm, working length 20 cm, autoclavable , fiberoptic light transmission incorporated, color code: green
27033 C	Cystoscope-Urethroscope Sheath, 8 Fr. , with 4 Fr. working channel, Obturator 27033 CO and 2 LUER-Lock connectors, color code: blue
27033 D	Cystoscope-Urethroscope Sheath, 9 Fr. , with 5 Fr. working channel, Obturator 27033 DO and 2 LUER-Lock connectors, color code: red

Accessories for Cystoscope-Urethroscope 27033 C and 27033 D

	27071 TJ	Forceps for Foreign Body Removal , double action jaws, flexible, 3 Fr., length 28 cm
	27071 ZJ	Biopsy Forceps , double action jaws, flexible, 3 Fr., length 28 cm
	27030 M	Knife , triangular tip, 3 Fr., for single use, package of 6
	27030 N	Injection Needle , rigid, 3 Fr., for single use, package of 6
	27030 EL	Hook Electrode , unipolar, 3 Fr., for single use, package of 6
	27770 AA	Ball Electrode , unipolar, 3 Fr., length 53 cm
	27770 A	Ball Electrode , unipolar, 4 Fr., length 53 cm
	27772 AA	Needle Electrode , unipolar, 3 Fr., length 53 cm

Accessories for Cystoscope-Urethroscope 27033 D

	27770 B	Ball Electrode , unipolar, 5 Fr., length 53 cm
	27772 A	Needle Electrode , unipolar, 5 Fr., length 53 cm

Reflux Cystoscope Urethroscope 8 Fr.

Special features:

- Distal atraumatically shaped end of the sheath
- Two right angled lateral irrigation ports
- Minimal sheath diameter
- The wide working channel allows use of rigid instruments up to 4 Fr.
- The instrument channel allows use of reflux needles
- Autoclavable



27033 CR

27033 AA

- | | |
|----------|---|
| 27033 AA | Miniature Straight Forward Telescope 0° , diameter 1.2 mm, working length 20 cm, autoclavable , fiberoptic light transmission incorporated, color code: green |
| 27033 CR | Cystoscope-Urethroscope Sheath, 8 Fr. , with 4 Fr. working channel, for reflux needles, with Obturator 27033 CRO, with 2 LUER-Lock connectors, color code: white |

Accessories for Reflux-Cystoscope-Urethroscope 27033 CR 8 Fr.



27071 TJ

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



27071 ZJ

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



27030 M

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

27030 N

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



27030 EL

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



27770 AA

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



27770 A

Ball Electrode, unipolar, 4 Fr.,
length 53 cm



27772 AA

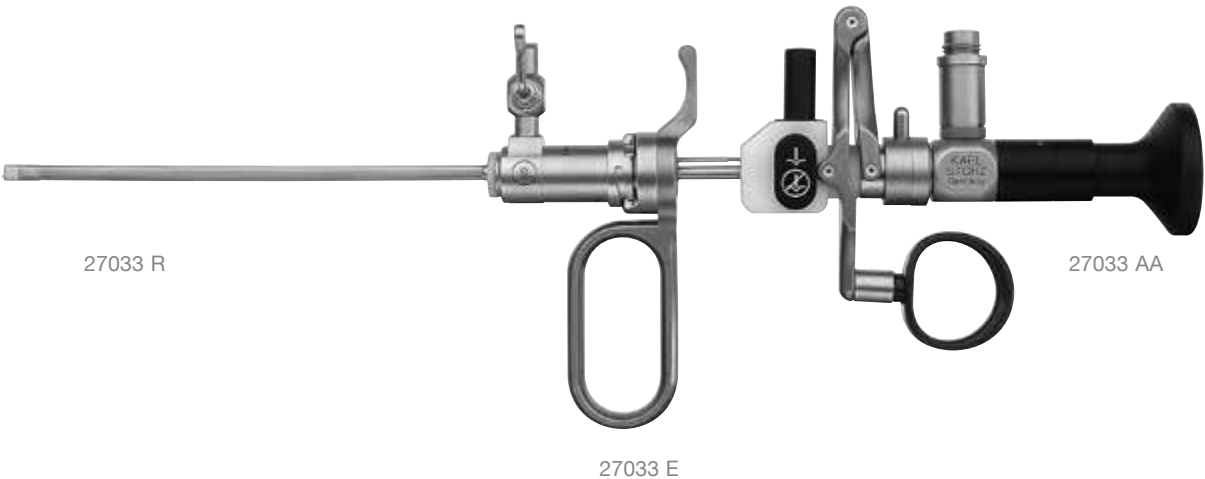
Needle Electrode, unipolar, 3 Fr.,
length 53 cm

Resectoscope

9 Fr.

Special features:

- Distal atraumatically shaped end of the sheath
- Minimal sheath diameter
- Cutting by means of a spring. The thumb support is movable. In rest position the electrode is inside the sheath
- Cleaning: Can be rinsed using HF connection

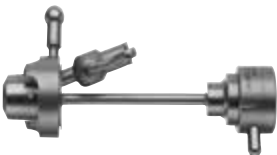


27033 AA **Miniature Straight Forward Telescope 0°**, diameter 1.2 mm, working length 20 cm, **autoclavable**, fiberoptic light transmission incorporated, color code: green

27033 EH **Electrotome**,
including:
1 **Working Element**
1 **Cutting Loop**
1 **Coagulating Electrode**
2 **High Frequency Cords**
1 **Protection Tube**

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

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



Accessories for Electrotome 27033 E



27033 EG **Cutting Loop**, angled,
color code: yellow



27033 EL **Coagulation Electrode**, angled, blunt,
color code: yellow



27033 EP **Coagulation Electrode**, hook-shaped, ball end,
color code: yellow



27033 EQ **Coagulation Electrode**, hook-shaped, without ball end,
color code: yellow



27033 ER **Coagulation Electrode**, angled, pointed,
color code: yellow



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

High Frequency Cord for use with working element 27033 E



277 **Unipolar High Frequency Cord**, with 4 mm plug, length 300 cm,
for use with KARL STORZ models and Erbe type T older models



277 A **Unipolar High Frequency Cord**, with 4 mm plug, length 300 cm,
for use with Berchtold and Martin models



277 KE **Unipolar High Frequency Cord**, with 5 mm plug, length 300 cm, for
use with KARL STORZ AUTOCON® II 400 SCB (111, 115, 122, 125),
AUTOCON® II 200, AUTOCON® II 80, AUTOCON® (50, 200, 350) and
Erbe type ICC



277 KB **Unipolar High Frequency Cord**, with 8 mm plug, length 300 cm,
for use with KARL STORZ AUTOCON® II 400 SCB (112, 116) and
Valleylab models

Urethrotome

8 Fr.

Special features:

- Distal atraumatically shaped end of the sheath
- Minimal sheath diameter
- Cutting by means of a spring. The thumb support is movable. In rest position the electrode is inside the sheath
- Cleaning: Can be rinsed using HF connection



27033 AA	Miniature Straight Forward Telescope 0° , diameter 1.2 mm, working length 20 cm, autoclavable . fiberoptic light transmission incorporated. Color code: green
27033 EK	Working Element, Set including: 1 Working Element 2 Knives
27033 U	Urethrotome Sheath , with LUER-Lock stopcock, 8 Fr., with Obturator 27033 UO and 2 LUER-Lock connectors

Accessories for Electrotome 27033 EK



27033 TT

Cold Knife, straight



27033 X

Cold Knife, hook-shaped



27033 V

Cold Knife, round



27033 W

Cold Knife, sickle-shaped



280

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

IMAGE1 SPIES™ Camera System



TC 200EN*

IMAGE1 CONNECT, connect module, for use with up to 3 link modules, resolution 1920 x 1080 pixels, with integrated **KARL STORZ-SCB** and digital Image Processing Module, power supply 100-120 VAC/200-240 VAC, 50/60 Hz including:

Mains Cord, length 300 cm

DVI-D Connecting Cable, length 300 cm

SCB Connecting Cable, length 100 cm

USB Flash Drive, 32 GB

USB Silicone Keyboard, with touchpad, US



TC 300

IMAGE1 H3-LINK™, link module, for use with IMAGE1 FULL HD three-chip camera heads, power supply 100-120 VAC/200-240 VAC, 50/60 Hz, for use with IMAGE1 CONNECT TC 200EN including:

Mains Cord, length 300 cm

Link Cable, length 20 cm

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

IMAGE1 SPIES™ Camera Heads



TH 100

IMAGE1 H3-Z SPIES™ Three-Chip FULL HD Camera Head, progressive scan, soakable, gas- and plasma-sterilizable, with integrated Parfocal Zoom Lens, focal length $f = 15\text{-}31$ mm (2x), 2 freely programmable camera head buttons, for use with IMAGE1 SPIES™ and IMAGE 1 HUB™ HD/HD



TH 102

IMAGE1 H3-Z FI SPIES™ Three-Chip FULL HD Camera Head, SPIES™ compatible, for perfusion diagnosis of tissues and organs with indocyanine green (ICG) in conjunction with light source D-LIGHT P, progressive scan, with integrated Parfocal Zoom Lens, focal length $f = 15\text{-}31$ mm (2x), 2 freely programmable camera head buttons, for use with IMAGE1 SPIES™ and IMAGE 1 HUB™ HD/HD



TH 103

IMAGE1 H3-P SPIES™ Three-Chip FULL HD Pendulum Camera Head, SPIES™ compatible, with pendulum system and fixed focus, progressive scan, soakable, gas- and plasma-sterilizable, focal length $f = 16 \text{ mm}$, 2 freely programmable camera head buttons, for use with IMAGE1 SPIES™ and IMAGE 1 HUB™ HD/HD



TH 104

IMAGE1 H3-ZA SPIES™ Three-Chip FULL HD Camera Head, autoclavable, progressive scan, soakable, gas- and plasma-sterilizable, with integrated Parfocal Zoom Lens, focal length $f = 15\text{-}31 \text{ mm (2x)}$, 2 freely programmable camera head buttons, for use with IMAGE1 SPIES™ and IMAGE 1 HUB™ HD/HD

KARL STORZ Monitors



9826 NB

26" FULL HD Monitor, color systems PAL/NTSC, max. screen resolution 1920 x 1080, image format 16:9, Video inputs: DVI, 3G-SDI, VGA, S-Video, Composite, Video outputs: DVI, 3G-SDI, Composite, power supply 100-240 VAC, 50/60 Hz, 5 V DC output (1 A), wall mount with VESA 100 adaptor including:
External 24 VDC Power Supply
Mains Cord



9627 NB

27" FULL HD Monitor, color systems PAL/NTSC, max. screen resolution 1920 x 1080, image format 16:9, Interface: RS 232, power supply 85-264 VAC, 50/60 Hz, wall mount with VESA 100 adaptor including:
External 24 VDC Power Supply
Mains Cord

Optional Accessories:

9826 SF

Monitor Stand, suitable for 26" and other monitors, basic monitor stand, tiltable, rotation +/-30, disinfestable, color white, e.g. for use with 26" FULL HD Monitor 9826 NB or 26" 3D Monitor 9826 NB-3D

9626 SF

Monitor Stand, with integrated cable channel, for use with FULL HD Monitors 9627 NB, 9626 NB and HD Monitor 9619 NB

Light Source



- 20133101-1

Cold Light Fountain XENON 300 SCB, with KARL STORZ-SCB, with integrated anti-fog pump, 300 Watt Xenon bulb and KARL STORZ light connection, power supply 100-125/220-240 VAC, 50/60 Hz including:
Mains Cord
SCB Connecting Cable, length 100 cm



- 533 TVB

Adaptor, with ergonomic swivel, **autoclavable**, permits telescope changing under sterile conditions
- 040112-40

Camera Cover, folded inside out, 13 x 242 cm, sterile, for single use, package of 25, for use with all standard endoscopic video camera systems
- 040112-160

Camera Cover, folded inside out, 13 x 242 cm, sterile, for single use, package of 160, for use with all standard endoscopic video camera systems

Cold Light Fountain XENON NOVA® 175



20 1315 20

- 20 1315 01 **Cold Light Fountain XENON NOVA® 175**, power supply
100-125 VAC/220-240 VAC, 50/60 Hz
including:
Mains Cord

Notes

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



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