Highlights 2020
Otorhinolaryngology

Video Diagnosis of the Upper Aerodigestive Tract
Video Diagnosis of the Upper Aerodigestive Tract

- HD Video Rhino-Laryngoscope
  - 11101HD
  - IMAGE1 S™

- Rhino-Fiberscopes
  - 11101RP
  - TELE PACK+
2.9 mm Videoendoscopes

- Diameter 2.9 mm
- Diameter 2.9 mm (TNE)

Videoendoscopes for Single Use

- Diameter 3.5 mm (VRL)
- Diameter 3.5 mm (TNE)

- TELE PACK+
- C-MAC®
- C-HUB®

- Monitor
- PC, Laptop
Flexible Videoendoscopes for Single Use

For 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
Flexible Videoendoscopes for Single Use:

091330-06* Video Rhino-Laryngoscope, sterile, for single use, package of 6, for use with E-BOX TP012
- Direction of view: 0°
- Angle of view: 90°
- Working length: 30 cm
- Outer diameter: 3.5 mm
- Deflection up/down: 140°/140°

091370-06* Video Esophagoscope, sterile, for single use, package of 6, for use with E-BOX TP012
- Direction of view: 0°
- Angle of view: 90°
- Working length: 75 cm
- Outer diameter: 3.5 mm
- Deflection up/down: 210°/140°

For use with:

TP101 TELE PACK+, endoscopic video unit with 2 camera inputs (X-LINE and C-LINE) for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), incl. LED light source, digital Image Processing Module with USB and network storage options as well as 18.5° FULL HD touch screen monitor, power supply 110-240 VAC, 50/60 Hz
- Mains Cord, length 300 cm

or

8403ZXK C-MAC® Monitor for CMOS Endoscopes, Set, screen size 7" with 1280 x 800 pixel resolution, two camera inputs, a USB and a HDMI port, optimized user interface, video and image capture in real time on SD card, playback of recorded video clips and still images, data transfer from SD card to USB flash drive possible, splash-proof according to IP54, suitable for wipe disinfection, shock-resistant ABS plastic housing, intelligent power management with rechargeable Li-ion batteries, VESA 75 mounting option, power adaptor for EU, UK, USA and Australia, power supply 110-240 VAC, 50/60 Hz, for use with CMOS video endoscopes
- SD Card ULTRA, 16 GB
- Protection Cap
- VESA 75 Quick Clip
- Mains Adaptor Set

TP012 E-BOX, for flexible videoendoscopes for single use, compatible with C-MAC® Monitor 8403ZX and C-HUB® II 20290320
CMOS Video Rhino-Laryngoscope with Diameter 2.9 mm

The new 2.9 mm CMOS video rhino-laryngoscope further expands the existing CMOS product line. The videoendoscope can be used with the TELE PACK+, the C-MAC® monitor and the C-HUB® II.

- Integrated CMOS chip technology
- 140° deflection in both directions
- Integrated LED light source
- Sensitive yet robust control with ergonomic handle
11102CMK  **CMOS Video Rhino-Laryngoscope Kit**, direction of view 0°, angle of view 100°, deflection up/down 140°/140°, outer diameter 2.9 mm, working length 30 cm, for use with C-MAC® Monitor 8403ZXK and TELE PACK+ TP101

The following accessories are included in delivery:
- 11102CM  **CMOS Video Rhino-Laryngoscope**
- 13242XL  **Leakage Tester**
- 11025E  **Pressure Compensation Cap**
- 27677SL  **Case**

For use with:
- **TP101**, endoscopic video unit with 2 camera inputs (X-LINE and C-LINE) for use with flexible videendoscopes and one-chip camera heads (up to FULL HD), incl. LED light source, digital Image Processing Module with USB and network storage options as well as 18.5” FULL HD touch screen monitor, power supply 110-240 VAC, 50/60 Hz including:
  - **Mains Cord**, length 300 cm

or
- **8403ZXK**, **C-MAC® Monitor for CMOS Endoscopes**, Set, screen size 7” with 1280 x 800 pixel resolution, two camera inputs, a USB and a HDMI port, optimized user interface, video and image capture in real time on SD card, playback of recorded video clips and still images, data transfer from SD card to USB flash drive possible, splash-proof according to IP54, suitable for wipe disinfection, shock-resistant ABS plastic housing, intelligent power management with rechargeable Li-ion batteries, VESA 75 mounting option, power adaptor for EU, UK, USA and Australia, power supply 110-240 VAC, 50/60 Hz, for use with CMOS video endoscopes including:
  - **SD Card ULTRA**, 16 GB
  - **Protection Cap**
  - **VESA 75 Quick Clip**
  - **Mains Adaptor Set**

or
- **20290301**, **C-HUB® II Camera Control Unit**, for use with C-CAM® Camera Head 20290132, Electronic Module 8402X, C-MAC® Connecting Cable 8403X or compatible CMOS videendoscopes, Interfaces: USB 2.0, S-Video output (NTSC), HDMI output, power socket including:
  - **Power Supply**, country-specific plugs
  - **S-Video (Y/C) Connecting Cable**
  - **USB Connecting Cable**
  - **KARL STORZ Video Editor**

Further optional accessories can be found in ENDOWORLD® ENT 119 or in the current ENT catalog.
CMOS Video Esophagoscope with Diameter 2.9 mm

The CMOS product line has been expanded to include a further videoendoscope with a diameter of 2.9 mm: The CMOS video esophagoscope.

- CMOS chip technology
- 210°/140° deflection
- Integrated LED light source
- Sensitive yet robust control with ergonomic handle
**13303EK**  
**Video Esophagoscope Kit**, direction of view 0°, angle of view 100°, deflection up/down 210°/140°, outer diameter 2.9 mm, working length 75 cm, for use with C-MAC® Monitor 8430ZXK and TELE PACK+ TP101

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

- **13303E**  **Video Esophagoscope**
- **13242XL**  **Leakage Tester**
- **11025E**  **Pressure Compensation Cap**
- **27677SM**  **Case**

**For use with:**

**TP101**  
**TELE PACK+,** endoscopic video unit with 2 camera inputs (X-LINE and C-LINE) for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), incl. LED light source, digital Image Processing Module with USB and network storage options as well as 18.5° FULL HD touch screen monitor, power supply 110-240 VAC, 50/60 Hz

including:
- **Mains Cord,** length 300 cm

or

**8403ZXK**  
**C-MAC® Monitor for CMOS Endoscopes,** Set, screen size 7” with 1280 x 800 pixel resolution, two camera inputs, a USB and a HDMI port, optimized user interface, video and image capture in real time on SD card, playback of recorded video clips and still images, data transfer from SD card to USB flash drive possible, splash-proof according to IP54, suitable for wipe disinfection, shock-resistant ABS plastic housing, intelligent power management with rechargeable Li-ion batteries, VESA 75 mounting option, power adaptor for EU, UK, USA and Australia, power supply 110-240 VAC, 50/60 Hz, for use with CMOS video endoscopes

including:
- **SD Card ULTRA,** 16 GB
- **Protection Cap**
- **VESA 75 Quick Clip**
- **Mains Adaptor Set**

or

**20290301**  
**C-HUB® II Camera Control Unit,** for use with C-CAM® Camera Head 20290132, Electronic Module 8402X, C-MAC® Connecting Cable 8403X or compatible CMOS videoendoscopes, Interfaces: USB 2.0, S-Video output (NTSC), HDMI output, power socket

including:
- **Power Supply,** country-specific plugs
- **S-Video (Y/C) Connecting Cable**
- **USB Connecting Cable**
- **KARL STORZ Video Editor**
HD Video Rhino-Laryngoscope

The new HD video rhino-laryngoscope from KARL STORZ allows visualization of the nose, pharynx and larynx in HD image quality. Depending on the system configuration, the physician is able to use IMAGE1 S™ visualization modes or perform stroboscopy. This makes the flexible endoscope suitable for various indications.

- HD image quality
- Possible to use IMAGE1 S™ visualization modes in conjunction with the IMAGE1 S™ camera system
- Stroboscopy can be performed when used with TELE PACK+
- Fully immersible for cleaning and disinfection
11101HDK HD Video Rhino-Laryngoscope Kit, direction of view 0°, angle of view 100°, working length 30 cm, outer diameter 3.7 mm, deflection up/down 140°/140°, for use with IMAGE1 S™

The following accessories are included in delivery:
- 11101HD HD Video Rhino-Laryngoscope
- 13242XL Leakage Tester
- 11025E Pressure Compensation Cap
- 27677SL Case

For use with:
- TC201EN* IMAGE1 S CONNECT® II, connect module, for use with up to 3 link modules, resolution 3840 x 2160 and 1920 x 1080 pixels, with integrated KARL STORZ-SCB or KS HIVE and digital Image Processing Module, power supply 100-240 VAC, 50/60 Hz
- TC301 IMAGE1 S™ X-LINK, link module, for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), power supply 100-120 VAC/200-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC201
- TM220 27" FULL HD Monitor, screen resolution 1920 x 1080, image format 16:9, video inputs: 2x 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 or
- TP101 TELE PACK+, endoscopic video unit with 2 camera inputs (X-LINE and C-LINE) for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), incl. LED light source, digital Image Processing Module with USB and network storage options as well as 18.5" FULL HD touch screen monitor, power supply 110-240 VAC, 50/60 Hz including:
  - Mains Cord, length 300 cm
- 39406AS Plastic Container for Flexible Endoscopes, suitable for gas and hydrogen peroxide (Sterrad®) sterilization and storage, external dimensions (w x d x h): 550 x 260 x 90 mm, for use with a flexible endoscope

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

- Waterproof, fully immersible for cleaning and disinfection
- Leakage testing within a few minutes
11101RPK2 Rhino-Pharyngo-Laryngo-Fiberscope Kit, deflection up/down 180°/90°, direction of view 0°, angle of view 70°, distal tip outer diameter 3.5 mm, working length 30 cm

The following accessories are included in delivery:
- 11101RP2 Rhino-Pharyngo-Laryngo-Fiberscope
- 27677RR Case
- 13242XL Leakage Tester
- 11025E Pressure Compensation Cap

11101SKK2 Rhino-Laryngo-Fiberscope Kit, deflection up/down 180°/90°, direction of view 0°, angle of view 90°, distal tip outer diameter 2.5 mm, working length 27 cm

The following accessories are included in delivery:
- 11101SK2 Rhino-Laryngo-Fiberscope
- 27677RR Case
- 13242XL Leakage Tester
- 11025E Pressure Compensation Cap

11101SPK2 Rhino-Laryngo-Tracheo-Fiberscope Kit, deflection up/down 180°/90°, direction of view 0°, angle of view 90°, distal tip outer diameter 2.5 mm, working length 37 cm

The following accessories are included in delivery:
- 11101SP2 Rhino-Laryngo-Tracheo-Fiberscope
- 27677RR Case
- 13242XL Leakage Tester
- 11025E Pressure Compensation Cap
TELE PACK+

Compact endoscopy

Imaging diagnosis is performed not only in hospitals but also, for example, in doctors’ offices, day clinics or outpatient settings. Compact, flexible units with high image quality are in demand here. The new TELE PACK+ ALL-IN-ONE system from KARL STORZ meets these requirements. The system combines a monitor, LED light source, FULL HD camera control unit and documentation with integrated network function in a portable and compact unit.

- Image display in FULL HD quality
- 18.5” touch screen monitor with on-screen keyboard
- Integrated LED light source with stroboscopy function and automatic light source control
- Compatibility with rigid, flexible and single-use endoscopes from KARL STORZ
- Documentation with storage possibilities on USB memory devices and freely available internal memory of 50 GB
- Network functionality in combination with the software tool SCENARA®.CONNECT for the export and import of patient data in/out of HIS/PACS
TP101 TELE PACK+, endoscopic video unit with 2 camera inputs (X-LINE and C-LINE) for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), incl. LED light source, digital Image Processing Module with USB and network storage options as well as 18.5” FULL HD touch screen monitor, power supply 100-240 VAC, 50/60 Hz including:

- Mains Cord, length 300 cm

Camera Heads

TH110 IMAGE1 S™ HX One-Chip FULL HD Camera Head, 50/60 Hz, fixed focus, progressive scan, soakable, gas and plasma sterilizable, focal length f = 16 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ (suitable for stroboscopy)

TH111 IMAGE1 S™ HX-P One-Chip FULL HD Pendulum Camera Head, 50/60 Hz, with pendulum system and fixed focus, progressive scan, soakable, EO sterilizable, H₂O₂ (hydrogen peroxide), focal length f = 16 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™

TH130 H1 One-Chip HD Camera Head, progressive scan, low-temperature sterilization, focal length f = 19 mm, 2 freely programmable camera head buttons in combination with TELE PACK+ TP101, C-HUB® II 20290320 and C-MAC® Monitor for CMOS Endoscopes 8403ZX

HD Videendoscope for Stroboscopy

11101HDK HD Video Rhino-Laryngoscope Kit, direction of view 0°, angle of view 100°, working length 30 cm, outer diameter 3.7 mm, deflection up/down 140°/140°

The following accessories are included in delivery:

- 11101HD HD Video Rhino-Laryngoscope
- 13242XL Leakage Tester
- 11025E Pressure Compensation Cap
- 27677SL Case

2.9 mm Videendoscopes

11102CMK CMOS Video-Rhino-Laryngoscope Kit, direction of view 0°, angle of view 100°, working length 30 cm, outer diameter 2.9 mm, deflection up/down 140°/140°

The following accessories are included in delivery:

- 11102CM CMOS Video Rhino-Laryngoscope
- 13242XL Leakage Tester
- 11025E Pressure Compensation Cap
- 27677SL Case

13303EK Video Esophagoscope Kit, direction of view 0°, angle of view 100°, working length 75 cm, outer diameter 2.9 mm, deflection up/down 210°/140°

The following accessories are included in delivery:

- 13303E Video Esophagoscope
- 13242XL Leakage Tester
- 11025E Pressure Compensation Cap
- 27677SM Case

Single-Use Videendoscopes

091330-06* CMOS Video Rhino-Laryngoscope SSU, direction of view 0°, angle of view 90°, working length 30 cm, outer diameter 3.5 mm, deflection up/down 140°/140°, sterile, for single use, package of 6, for use with E-BOX TP012 and TELE PACK+

091370-06* CMOS Video Esophagoscope SSU, direction of view 0°, angle of view 90°, working length 75 cm, outer diameter 3.5 mm, deflection up/down 210°/140°, sterile, for single use, package of 6, for use with E-BOX TP012 and TELE PACK+
Accessories for Stroboscopy

40160033 **TELE PACK Stroboscopy Footswitch**, footswitch with USB port and integrated activation key for stroboscopy function (plug & play), for use with KARL STORZ TELE PACK X LED TP100 and TELE PACK+ TP101

40160031 **Microphone Set**, for use with KARL STORZ TELE PACK X LED TP100 and TELE PACK+ TP101 including:
- Microphone Fitting
- Microphone Holder
- Connector for Microphone Membrane
Optional Accessories

**UG803**  **Subrack**, for COR mobile stand, low, rides on 4 antistatic dual wheels, with locking brakes, low beam module incl. cable manager and handle

**UG804**  **Subrack**, for COR mobile stand, high, rides on 4 antistatic dual wheels, with locking brakes, high beam module incl. cable manager and handle

**TP002**  **Camera Head Holder**, for use with TELE PACK+ TP101

**TC010**  **Two-Pedal Footswitch USB**, for use with IMAGE1 CONNECT® TC200 and TELE PACK+ TP101

**20040240US**  **USB Silicone Keyboard**, with US English character set, USB plug, with touchpad

**20040282**  **USB Flash Drive**, 32 GB, for use with IMAGE1 S CONNECT®, IMAGE1 ICM, TECHNO PACK® X/Xe, TECHNO PACK® T LED, all TELE PACK X and TELE PACK X LED models as well as the C-MAC® monitor

**W21341**  **OR1™ Radio Microphone Headset**, for W21346-XXX or similar, for use with OR1™ Bodypack Transmitters W21346-061, W21346-062, W21346-063 as well as TELE PACK X LED and TELE PACK+

* Also available in the following languages: DE, ES, FR, IT, PT, RU, CH, SE, US
IMAGE1 S™ – As Individual as Your Requirements

The IMAGE1 S™ camera platform offers surgeons a single system for all applications. As a modular camera platform, IMAGE1 S™ combines various technologies (e.g., rigid, flexible and 3D endoscopy) in one system and can therefore be adapted to individual customer needs. Furthermore, near infrared (NIR/ICG) for fluorescence imaging, the integration of operating microscopes and the use of VITOM® 3D is possible via the camera platform.

- Individual modules can be selected according to user requirements, e.g., for rigid, flexible and 3D technology
- Three innovative visualization technologies for easy tissue differentiation in 2D and 3D:
  - CLARA: Homogeneous illumination
  - CHROMA: Contrast enhancement
  - SPECTRA*: Color shift and exchange
- Automatic light source control
- Natural color rendition

* not for sale in the U.S.
Comparison of S-Technologies:

- **Standard image CLARA**
- **Standard image CHROMA**
- **Standard image SPECTRA***

* not for sale in the U.S.
TC201EN* IMAGE1 S CONNECT® II, connect module, for use with up to 3 link modules, resolution 3840 x 2160 and 1920 x 1080 pixels, with integrated KARL STORZ-SCB or KS HIVE and digital Image Processing Module, power supply 100-240 VAC, 50/60 Hz

TC304 IMAGE1 S™ 4U-LINK, link module, for use with IMAGE1 S™ 4U camera heads, power supply 100-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® II TC200 or IMAGE1 S CONNECT® II TC201

TC302 IMAGE1 S D3-LINK®, link module, for use with TIPCAM® S 3D and VITOM® 3D, power supply 100-120 VAC/200-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC201

TC301 IMAGE1 S™ X-LINK, link module, for use with flexible videoendoscopes and one-chip camera heads (up to FULL HD), power supply 100-120 VAC/200-240 VAC, 50/60 Hz, for use with IMAGE1 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC201

TC300 IMAGE1 S™ 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 S CONNECT® TC200 or IMAGE1 S CONNECT® II TC201

TH120 IMAGE1 S™ One-Chip 4K UHD Camera Head, S-Technologies available, progressive scan, soakable, EO sterilizable, H₂O₂ (hydrogen peroxide), focal length f = 18 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ 4U-LINK

TH121 IMAGE1 S™ 4U RUBINA™, OPAL® NIR/ICG, two-chip 4K UHD camera head, S-Technologies available, for NIR/ICG fluorescence imaging in combination with POWER LED RUBINA™, OPAL® NIR/ICG, progressive scan, low-temperature sterilization, focal length f = 19 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S CONNECT® II and IMAGE1 S™ 4U-LINK

TH113 IMAGE1 S™ HX-P FI One-Chip FULL HD Pendulum Camera Head, S-Technologies (CHROMA, SPECTRA**** A and B) available, OPAL® technologies (PDD) in combination with light source D-LIGHT C or D-LIGHT C/AF, with pendulum system and fixed focus, progressive scan, soakable, EO sterilizable, H₂O₂ (hydrogen peroxide), focal length f = 16 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ X-LINK

TH110 IMAGE1 S™ HX One-Chip FULL HD Camera Head, 50/60 Hz, fixed focus, progressive scan, soakable, gas and plasma sterilizable, focal length f = 16 mm, 2 freely programmable camera head buttons, for use with IMAGE1 S™ X-LINK

TH102 IMAGE1 S™ H3-Z FI Three-Chip FULL HD Camera Head, for white light applications and the identification of anatomical structures with indocyanine green (ICG) in conjunction with light source D-LIGHT P, progressive scan, with integrated Parfocal Zoom Lens, focal length f = 15-31 mm (2x), 2 freely programmable camera head buttons, for use with IMAGE1 S™ H3-LINK and IMAGE 1 HUB HD/IMAGE1 HD

TH100 IMAGE1 S™ Three-Chip FULL HD Camera Head, 50/60 Hz, S-Technologies available, progressive scan, soakable, EO sterilizable, H₂O₂ (hydrogen peroxide), with integrated Parfocal Zoom Lens, focal length f = 15-31 mm (2x), 2 freely programmable camera head buttons, for use with IMAGE1 S™ H3-LINK TC300 and IMAGE 1 HUB HD/IMAGE1 HD

26606ACA TIPCAM® RUBINA™, OPAL® NIR/ICG, 4K/3D, high-resolution videoendoscope with two distal integrated video chips, for NIR/ICG fluorescence imaging in combination with POWER LED RUBINA™, OPAL® NIR/ICG and Sync Connecting Cable TL006, direction of view 0°, diameter 10 mm, length 32 cm, autoclavable, S-Technologies available, freely programmable camera head buttons, including video connection cable, for use with IMAGE1 S CONNECT® II and IMAGE1 S™ 4U-LINK

26606BCA Same, direction of view 30°
26605AA **TIPCAM® S 3D LAP**, with two FULL HD image sensors, direction of view 0°, diameter 10 mm, length 32 cm, **autoclavable**, S-Technologies available, freely programmable camera head buttons, including video connecting cable, for use with IMAGE1 S™

26605BA **Same**, direction of view 30°

7240AA3D **TIPCAM® S 3D ORL**, direction of view 0°, diameter 4 mm, length 18 cm, two FULL HD image sensors, **autoclavable**, S-Technologies available, freely programmable camera head buttons, including video connecting cable, for use with IMAGE1 S™

7240BA3D **Same**, direction of view 30°

7240FA3D **Same**, direction of view 45°

2816AA3D** **TIPCAM® S 3D NEURO**, direction of view 0°, diameter 4 mm, length 18 cm, two FULL HD image sensors, **autoclavable**, S-Technologies available, freely programmable camera head buttons, including video connecting cable, for use with IMAGE1 S D3-LINK®

2816BA3D** **Same**, direction of view 30°

2816FA3D** **Same**, direction of view 45°

TH200 **VITOM® 3D**, with zoom and focus function, integrated illumination and horizontal alignment, working distance 20-50 cm, fiber optic light transmission incorporated, suitable for wipe disinfection, for use with IMAGE1 S D3-LINK® TC302 and IMAGE1 PILOT TC014

TC014 **IMAGE1 PILOT**, control unit with 3D wheel, 4 programmable function keys and USB port, for intuitive control of camera systems and connected units, for use with IMAGE1 S™ and VITOM® 3D TH200

TM440 **58" 4K Monitor**, screen resolution 3840 x 2160, image format 16:9

TM342*** **31" 4K Monitor**, screen resolution 3840 x 2160, image format 16:9

TM450 **55" 4K/3D Monitor**, screen resolution 3840 x 2160, image format 16:9

TM009 **Signal Converter Set**, 12G-SDI – 4x 3G-SDI, for use with 55" 4K/3D Monitor TM450

TM350 **32" 4K/3D Monitor**, screen resolution 3840 x 2160, image format 16:9

TM220 **27" FULL HD Monitor**, screen resolution 1920 x 1080, image format 16:9

TL300 **Cold Light Fountain POWER LED 300**, with integrated KARL STORZ-SCB, high-performance LED module and one KARL STORZ light outlet

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

* Also available in the following languages: DE, ES, FR, IT, PT, RU
** Currently not available on CE markets
*** TM342 not available in USA, Japan & China
**** not for sale in the U.S.
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It is recommended to check the suitability of the product for the intended procedure prior to use. Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.
75 Years

Shaping the Future of Endoscopy with you