Highlights 2020
Otorhinolaryngology

Solutions for
Dysphagia (FEES)
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- The universal solution:
  - IMAGE1 S™
    - HD Video Rhino-Laryngoscope, diameter 3.7 mm 11101HD

- The compact solution:
  - TELE PACK+
    - Rhino-Pharyngo-Laryngo-Fiberscope, diameter 3.5 mm 11101RP2
The mobile solution

C-MAC® Monitor

CMOS Video Rhino-Laryngoscope, diameter 2.9 mm
11102CM

091330-06 or 091370-06 + TP012

CMOS Video Rhino-Laryngoscope/Esophagoscope SSU,
diameter 3.5 mm
091330-06 or 091370-06

E-BOX
TP012
The Mobile Solution

Dysphagia management with C-MAC®

The 2.9 mm CMOS video rhino-laryngoscope further expands the existing CMOS product line. The videoendoscope, in conjunction with the C-MAC® monitor, provides a mobile application for swallowing diagnostics.

- Integrated CMOS chip technology
- 140° deflection in both directions
- Integrated LED light source
- Sensitive yet robust control with ergonomic handle
11102CMM  CMOS Video Rhino-Laryngoscope with Monitor
Direction of view:  0°  
Angle of view:  100°  
Working length:  30 cm  
Outer diameter:  2.9 mm  
Deflection up/down:  140°/140°

8401YA  Stand, for C-MAC® monitor, height 120 cm, rollable with five feet and antistatic castors, crossbar 25 cm x diameter 25 mm, for positioning the monitor, with tray, dimensions (w x d x h): 30 x 20 x 10 cm

8401YB  Clamp, VESA 75 standard, for fixation of C-MAC® monitor to round profile with diameter 20-43 mm and square profile with diameter 16-27 mm, for use with Monitors 8401ZX/8402ZX/8403ZX

29005KHN  Camera Holder, for mounting camera heads, with removable inserts, compatible with all KARL STORZ endoscopic camera heads, for mounting to Equipment Rails UG607, UG608 and 29003GS

621C  Quiver Set, for disinfection and storage of flexible endoscopes up to working length 30 cm including:
   Quiver Head, for flexible endoscopes
   Metal Tube
   Sealing Cap
   Holder, to be screwed to a storage cabinet

621SA  Adaptor, for standard equipment rails, 53.5 x 39 x 24 mm, adaptor and 2 screws M4 x 20 mm, for use with Holder 620N for Endoscope Quiver Sets 621A – 621E, 621H
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:

- **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

- **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**

- **E-BOX**, for flexible videoendoscopes for single use, compatible with C-MAC® Monitor 8403ZX and C-HUB® II 20290320
The Compact Solution

Dysphagia management with TELE PACK+

The TELE PACK+ combines a monitor, LED light source, camera control unit and data management with an integrated network function in one unit. In conjunction with the HD Video Rhino-Laryngoscope, it provides a compact solution. Furthermore, TELE PACK+ offers possible compatibilities with other flexible endoscopes that are used in swallowing diagnostics.

- Flexible endoscopy in HD
- Versatile possible compatibilities with other flexible endoscopes
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**

TP101EN**  **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

Optional:

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**

Flexible Single-Use Videoendoscope:

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+ TP101

Flexible Fiberscopes:

11101RPK2  **Rhino-Pharyngo-Laryngo-Fiberscope Kit**, direction of view 0°, angle of view 70°, working length 30 cm, distal tip outer diameter 3.5 mm, deflection up/down 180°/90°

The following accessories are included in delivery:

- 11101RP2  **Rhino-Pharyngo-Laryngo-Fiberscope**
- 13242XL  **Leakage Tester**
- 11025E  **Pressure Compensation Cap**
- 27677RR  **Case**

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

The following accessories are included in delivery:

- 11101SK2  **Rhino-Laryngo-Fiberscope**
- 13242XL  **Leakage Tester**
- 11025E  **Pressure Compensation Cap**
- 27677RR  **Case**

For use with:

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™

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+, for use with TELE PACK+ TP101, C-HUB® II 20290320 and C-MAC® Monitor for CMOS Endoscopes 8403ZX

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

Dysphagia management with IMAGE1 S™

With the new HD Video Rhino-Laryngoscope, the IMAGE1 S™ system offers flexible endoscopy in HD image quality for swallowing diagnostics and other examinations. Furthermore, the camera system allows the use of IMAGE1 S™ visualization technologies. Integration into the hospital network system is possible, if required.

- Flexible endoscopy in HD
- IMAGE1 S™ camera system enables use of IMAGE1 S™ visualization modes
- The HD Video Rhino-Laryngoscope is 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°

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<table>
<thead>
<tr>
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<td>Leakage Tester</td>
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<td>27677SL</td>
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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 videendoscopes 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**

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

Optional:

11101RPK2  **Rhino-Pharyngo-Laryngo-Fiberscope Kit**, direction of view 0°, angle of view 70°, working length 30 cm, distal tip outer diameter 3.5 mm, deflection up/down 180°/90°

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

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

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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 one flexible endoscope

* Also available in the following languages: DE, ES, FR, IT, PT, RU
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.
Shaping the Future of Endoscopy with you