

Highlights 2019

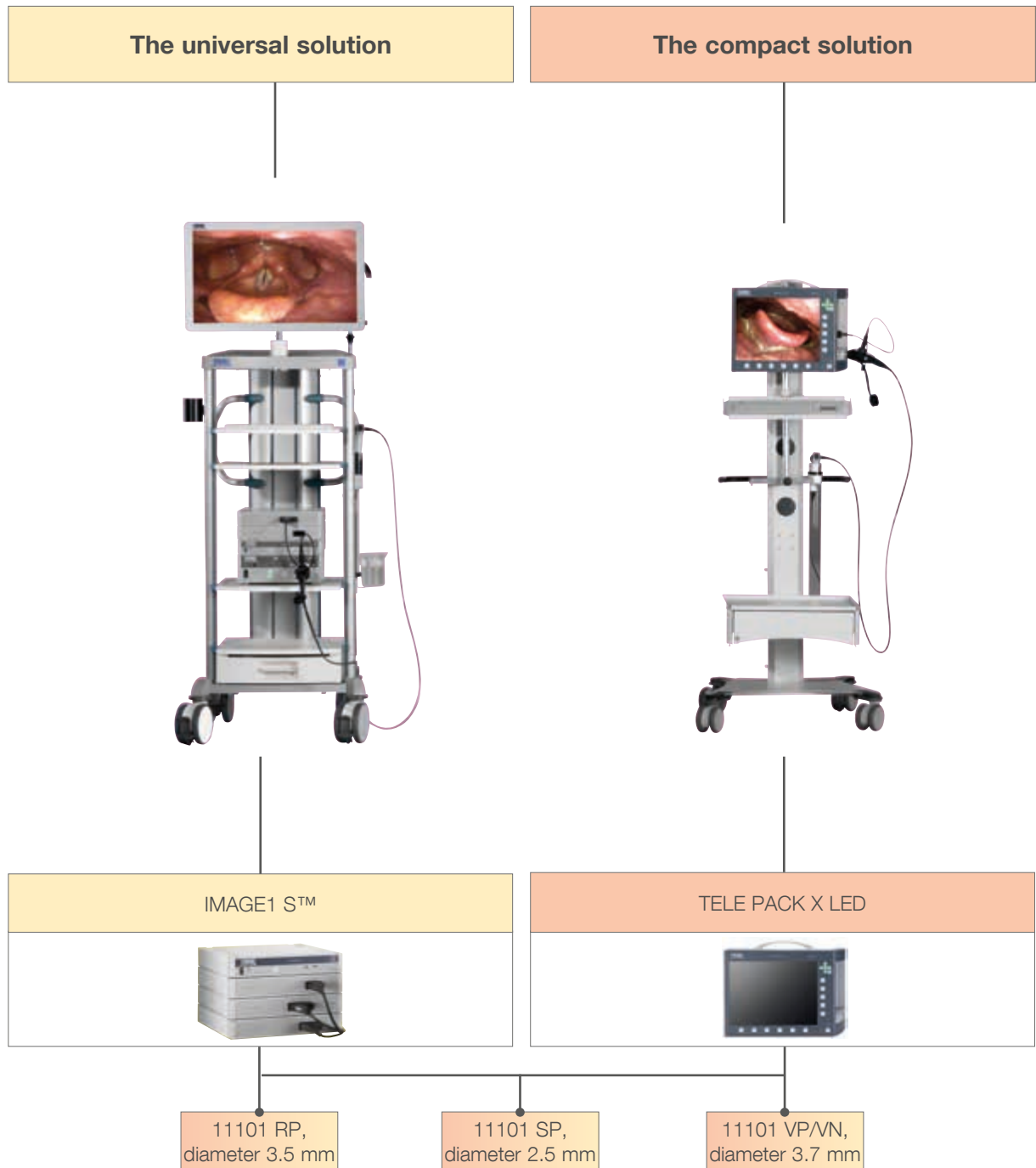
Otorhinolaryngology



Solutions for Dysphagia
(FEES)

STORZ
KARL STORZ – ENDOSKOPE

Solutions for Dysphagia (FEES)







The Mobile Solution

Dysphagia Management with C-MAC®

Lightweight, versatile, mobile – ideal for rapid use.

The new 2.9 mm CMOS video rhino-laryngoscope further expands the existing CMOS product line. The 2.9 mm video rhino-laryngoscope is particularly suitable for cramped or tight anatomical conditions. Combined with the light and mobile universal monitor, the product offers a fast and convenient solution for performing FEES.

- Integrated CMOS chip technology for excellent image quality
- 140° deflection in both directions
- Integrated LED light source for best possible illumination
- Sensitive yet robust control with ergonomic handle
- Mobility thanks to all-in-one solution – the lightweight monitor in conjunction with the CMOS video rhino-laryngoscope allows fast installation and great flexibility

11102 CMM **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°

8401 YA **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

8401 YB **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 8401 ZX/8402 ZX/8403 ZX

29005 KHN **Camera Holder**, for mounting camera heads, with removable inserts, compatible with all KARL STORZ endoscopic camera heads, for mounting to Equipment Rails UG 607, UG 608 and 29003 GS

621 C **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

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



The Mobile Solution – with Flexible Video Endoscopes for Single Use

Precise, safe, fast

Quality meets availability! Delivering performance and precision at all times is one of the main requirements of medical products. In conjunction with the E-Box and the C-MAC® monitor, the flexible single-use video endoscopes from KARL STORZ provide single-use solutions that impress in every respect.

- Two models available: A video rhino-laryngoscope and a video esophagoscope (TNE)
- Excellent image quality – KARL STORZ also makes no compromises in terms of image quality when it comes to single-use products
- Ergonomic handle design allows fatigue-free work
- Integrated LED light source for optimal illumination
- Video and image capture as well as data storage via the C-MAC® monitor

C-MAC® Monitor 8403 ZX and E-Box TP 010 for flexible video endoscopes for single use:

- 8403 ZXK **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
- TP 010 **E-Box**, for KARL STORZ flexible video endoscopes for single use, compatible with C-MAC® Monitor 8403 ZX and C-HUB® II 20290320

Flexible Video Endoscope for Single Use:

- 091330-06* **Video Rhino-Laryngoscope**, sterile, for single use, package of 6, for use with E-Box TP 010
- | | |
|---------------------|-----------|
| Direction of view: | 0° |
| Angle of view: | 90° |
| Working length: | 30 cm |
| Outer diameter: | 3.5 mm |
| Deflection up/down: | 140°/140° |



Also available

- 091370-06* **Video Esophagoscope**, sterile, for single use, package of 6, for use with E-Box TP 010
- | | |
|---------------------|-----------|
| Direction of view: | 0° |
| Angle of view: | 90° |
| Working length: | 75 cm |
| Outer diameter: | 3.5 mm |
| Deflection up/down: | 210°/140° |





The Compact Solution

Dysphagia management with TELE PACK X LED

Mobile, practical, compact – for fast transition between examination rooms:

The TELE PACK X LED combines a monitor, LED light source, camera control unit and data management with an integrated network function as a portable mobile solution in one unit. In conjunction with the CCD video rhino-laryngoscope, this combination offers a compact solution.

- Excellent optical quality – both the lens and video chip
- Large field of view and the mobility of the distal tip facilitate orientation
- Waterproof, fully immersible for cleaning and disinfection
- Sensitive yet stable control with ergonomic handle
- Short insertion tip with smooth-running and twist-proof deflection mechanism

- 11101 VP **CCD Video Rhino-Laryngoscope, PAL**,
including case and pressure compensation cap
Direction of view: 0°
Angle of view: 85°
Working length: 30 cm
Outer diameter: 3.7 mm
Deflection up/down: 140°/140°
- 11101 VN **CCD Video Rhino-Laryngoscope, NTSC**,
including case and pressure compensation cap
Direction of view: 0°
Angle of view: 85°
Working length: 30 cm
Outer diameter: 3.7 mm
Deflection up/down: 140°/140°
- TP 100EN* **TELE PACK X LED**, endoscopic video unit for use with all TELECAM one-chip camera heads and video endoscopes, incl. LED light source similar to Xenon technology, with integrated digital Image Processing Module, 15" LCD TFT monitor with LED backlight, USB/SD memory module, color systems PAL/NTSC, power supply 100-240 VAC, 50/60 Hz
including:
USB Silicone Keyboard, with touchpad, US character set
USB Flash Drive, 32 GB
SD Card, 32 GB
Mains Cord, length 300 cm
- 20 2120 30 **TELECAM One-Chip Camera Head**, color system PAL, soakable, gas-sterilizable, with integrated Parfocal Zoom Lens, f = 25-50 mm (2x), 2 freely programmable camera head buttons

Optional:

- 11101 RP **Rhino-Pharyngo-Laryngo-Fiberscope**,
including pressure compensation cap, leakage tester and case
Direction of view: 0°
Angle of view: 70°
Working length: 30 cm
Outer diameter: 3.5 mm
Deflection up/down: 180°/90°
- 11101 SP **Rhino-Laryngo-Fiberscope**,
including pressure compensation cap, leakage tester and case
Direction of view: 0°
Angle of view: 90°
Working length: 37 cm
Outer diameter: 2.5 mm
Deflection up/down: 180°/90°

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



The Universal Solution

Dysphagia management with IMAGE1 S™

High-resolution, can be integrated into the hospital examination room and network. IMAGE1 S™ is a unique modular camera system that meets the highest demands in visualization. In conjunction with the CCD video rhino-laryngoscope, the system provides a universal solution that meets all requirements.

- Excellent optical quality – both the lens and video chip
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- Waterproof, fully immersible for cleaning and disinfection
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Deflection up/down: 140°/140
- 11101 VN **CCD Video Rhino-Laryngoscope, NTSC**,
including case and pressure compensation cap
Direction of view: 0°
Angle of view: 85°
Working length: 30 cm
Outer diameter: 3.7 mm
Deflection up/down: 140°/140°
- TC 201EN* **IMAGE1 S CONNECT® II**, connect module, for use with up to 3 link modules, 4k technology,
resolution 3840 x 2160 and 1920 x 1080 pixels, with integrated KARL STORZ-SCB and digital Image
Processing Module, power supply 100-240 VAC, 50/60 Hz
- TC 301 **IMAGE1 S™ X-LINK**, link module, for use with flexible video endoscopes 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® TC 200 or IMAGE1 S CONNECT® II TC 201
- TM 220 **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:

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Imaging and OR Integration



Storage and
administration of image
and video data



SCENARA® .store

Flexible support for
image sources



Centralized communication
interface



SCENARA® .connect

KARL STORZ OR1™

Future-oriented integration meets innovative
data management

STORZ
KARL STORZ — ENDOSKOPE
THE DIAMOND STANDARD

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www.karlstorz.com

Further information and an overview of
Otorhinolaryngology from
KARL STORZ can be viewed on



www.karlstorz.com
in the Human Medicine section,
Otorhinolaryngology

**Please note that the described products in this medium may not be available yet in all countries
due to different regulatory requirements.**

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

