

Flexible ENT Diagnosis with the HD Video Rhino-Laryngoscope



The HD Video Rhino-Laryngoscope for Flexible Diagnosis in ENT

The new HD video rhino-laryngoscope from KARL STORZ allows visualization in HD image quality for ENT diagnosis. Moreover, the flexible videoendoscope offers user-friendly handling for performing the planned examination. Depending on the system configuration, both enhanced imaging, thanks to IMAGE1 S™ visualization modes, and stroboscopy are feasible. This makes the endoscope suitable for a wide range of applications.



The HD video rhino-laryngoscope offers:

- HD image quality
- Flexibility due to the connectivity to the IMAGE1 S™ camera system or TELE PACK+
- Enhanced IMAGE1 S™ visualization technologies including SPECTRA* for supporting the visual detection of tissue and vessels (in conjunction with the IMAGE1 S™ camera system)
- Stroboscopy in HD image quality (in conjunction with TELE PACK+)
- Diameter of 3.7 mm
- Deflection 140°/140°

* not for sale in the U.S.

Enhanced Visualization Technologies for Flexible Endoscopy

In conjunction with the IMAGE1 S™ camera system, the HD video rhino-laryngoscope offers the possibility to use enhanced visualization technologies: The IMAGE1 S™ visualization modes. These enhanced S-modes include CLARA, CHROMA, and SPECTRA* A & B. S-modes can be used to illuminate dark areas in the background, to enhance contrast and to highlight tissue or vessels by means of spectral hue shifts. Furthermore, a white light image can be viewed “side by side” with a S-Technologies image on a monitor. The IMAGE1 S™ system can be expanded to include rigid endoscopy in 4K image quality or 3D technology, if required.



Stroboscopy in HD Image Quality

Stroboscopy is used to closely examine the vocal fold function. This can also be performed with a videoendoscope when used in conjunction with TELE PACK+ and the corresponding stroboscope kit. During the examination, the voice frequency, musical notation, volume and speed level of the stroboscopy mode are displayed in the live image. Moreover, the compact system offers further compatibility possibilities for both rigid and flexible endoscopy.



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Compatibility Overview



HD Video Rhino-Laryngoscope



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**, 3.7 mm
13242XL **Leakage Tester**
11025E **Pressure Compensation Cap**
27677SL **Case**

Accessory Compatibility IMAGE1 S™ Camera System



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

including:

Mains Cord, length 300 cm

Link Cable, length 20 cm



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 and digital Image Processing Module, power supply 100-240 VAC, 50/60 Hz

including:

Mains Cord, length 300 cm

DVI-D Connecting Cable, length 300 cm

DisplayPort Cable, length 300 cm

SDI Cable, length 300 cm

SCB Connecting Cable, length 100 cm

USB Flash Drive, 32 GB

USB Silicone Keyboard, with touchpad, US



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

including:

External 24 VDC Power Supply

Mains Cord

Cable Cover

4x **Mounting Screws M4**

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

Accessory Compatibility TELE PACK+



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



40160040

Stroboscopy Kit, for use with KARL STORZ TELE PACK+ TP101 and TELE PACK X LED TP100 including:

Footpedal

Microphone Set

Sterilization Container



39406AS

Plastic Container for Flexible Endoscopes, especially suited 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

More than
75
Years

*Shaping the Future
of Endoscopy with you*

STORZ
KARL STORZ—ENDOSKOPE

THE DIAMOND STANDARD

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