

## TELE PACK X LED – New Dimensions in LED Stroboscopy



The TELE PACK X LED continues the tradition of the portable all-in-one systems by KARL STORZ. It can be used for a wide range of applications from the doctor's office through to the operating room and, therefore, offers ENT a considerable advantage. The optional stroboscopy function highlights the performance range. A wide range of accessories is available for this purpose.

The powerful all-in-one unit combines all the features required for optimal endoscopic imaging: Monitor, camera and light source. Integrated data management enables comprehensive recording of surgical interventions. Multiple USB ports and an SD card slot are available to store the data.



**A compact combination of a powerful LED light source, monitor and camera – the TELE PACK X LED – with an additional option for stroboscopy.**

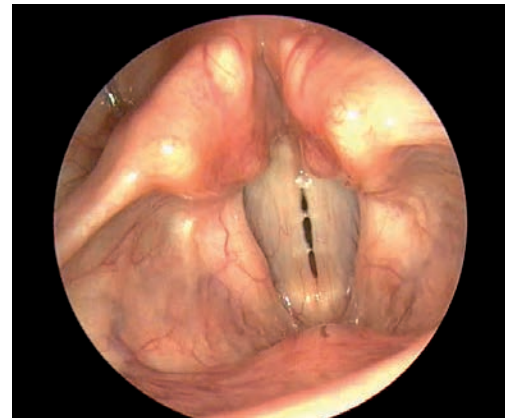
The USB footswitch activates the unit's stroboscopy mode. In combination with the microphone set, the TELE PACK X LED provides an optimal view of the vocal folds.



USB footswitch



microphone set



Use the convenient TELE PACK X LED as a stroboscope and benefit from a high-performance LED that provides lighting for optimal stroboscopy as well as excellent continuous light.

The unit's camera and documentation function allows easy and rapid data processing.

#### **Why TELE PACK X LED?**

- Compact and portable all-in-one solution for stroboscopy
- High-resolution display
- Low energy consumption and long life LED lamps thanks to cutting-edge LED technology
- Flash and continuous light with the same brightness and color temperature
- Powerful flash even with thin and flexible endoscopes
- Noisefree
- Text overlay on video image
- Display in musical notation (either national or international)



TP100



TP100 EN **TELE PACK X LED**, endoscopic video unit for use with all KARL STORZ TELECAM one-chip camera heads and video endoscopes, incl. LED light source similar to Xenon technology, with integrated digital Image Processing Module, 15" LCD 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, with US character set  
**USB Flash Drive**, 8 GB  
**Mains Cord**

**Specifications:**

Power input	100 W
Power supply	100-240 VAC
Dimensions w x h x d	450 x 350 x 150
Weight	7 kg
Interfaces	<ul style="list-style-type: none"> <li>- Video interface: DVI-D (in/out)</li> <li>- Audio: 3.5 mm jack (1x side, 1x rear), Line-in, Line-out</li> <li>- Footswitch port: 5-pin socket for footswitch</li> <li>- Printer port: USB</li> <li>- Footswitch for stroboscopy: USB</li> </ul>

Light source	<ul style="list-style-type: none"> <li>- Lamp: LED</li> <li>- Color temperature: 6300 K</li> <li>- Average life span: approx. 30,000 hours</li> </ul>
Image format	JPG
Video codec	MPEG-4
Video format	PAL/NTSC
Storage interface	USB 2.0; SD memory card (SDHC-compatible)
LED backlight monitor	<ul style="list-style-type: none"> <li>- Screen size: 15"</li> <li>- Resolution: 1024 x 768</li> <li>- Contrast: 700:1</li> </ul>
Loudspeaker	Power: 2 W

## Stroboscopy Kit

40 1600 40 <b>Stroboscopy Kit</b> consisting of:	
	40 1600 33 <b>Footswitch TELE PACK X LED</b> , USB footswitch with integrated activation key for stroboscopy function (plug & play), for use with KARL STORZ TELE PACK X LED, TP100
	40 1600 31 <b>Microphone Set</b> , including: microphone fitting, microphone holder, microphone membrane, connector for microphone membrane, for use with KARL STORZ TELE PACK X LED, TP100

## Compatible Camera Heads

202120 40	PAL	<b>TELECAM One-Chip Camera Head, autoclavable, soakable, gas-sterilizable, with integrated Parfocal Zoom Lens</b> , f = 14-28 mm (2x), 2 freely programmable camera head buttons, including plastic container for sterilization
202121 40	NTSC	
202120 30	PAL	<b>TELECAM One-Chip Camera Head</b> , soakable, gas-sterilizable, with integrated <b>Parfocal Zoom Lens</b> , f = 25-50 mm (2x), 2 freely programmable camera head buttons
202121 30	NTSC	
202120 34	PAL	<b>TELECAM C-MOUNT One-Chip Camera Head</b> , soakable, gas-sterilizable, 2 freely programmable camera head buttons
202121 34	NTSC	
202120 32	PAL	<b>TELECAM Beamsplitter One-Chip Camera Head</b> , soakable, gas-sterilizable, 2 freely programmable camera head buttons, with <b>rotating CCD sensor</b> , f = 25 mm
202121 32	NTSC	
202120 31	PAL	<b>TELECAM Beamsplitter One-Chip Camera Head</b> , soakable, gas-sterilizable, 2 freely programmable camera head buttons, with <b>rotating CCD sensor</b> , f = 30 mm
202620 30	PAL	
202621 30	NTSC	<b>DCI® II One-Chip Camera Head</b> , soakable, gas-sterilizable, f = 16 mm, with 2 freely programmable camera head buttons, for use with DCI® HOPKINS® telescopes

## Compatible Video Endoscopes

<b>ENT</b>		
11101 VP	PAL	<b>Video Rhino-Laryngoscope</b>
11101 VN	NTSC	

All listed video endoscopes must be connected with Video Connecting Cable 20213070.

## Compatible Rigid Endoscopes:

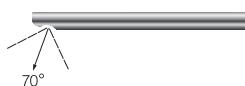


8700 DKA

**Tele-Laryngo-Pharyngoscope**, with integrated HOPKINS® lateral telescope 90°, diameter 5.8 mm, length 20 cm, **autoclavable**, fiber optic light transmission incorporated, color code: blue

8700 H

**Handle**, for use with Tele-Laryngoscopes 8700 CP, 8700 CKA, 8705 CKA and 8700 DKA



8705 CKA

**BENJAMIN Slimline Tele-Laryngoscope**, with integrated HOPKINS® lateral telescope 70°, angle of view 50°, diameter 4 mm, length 18 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow

8700 H

**Handle**, for use with Tele-Laryngoscopes 8700 CP, 8700 CKA, 8705 CKA and 8700 DKA



8700 CKA

**BENJAMIN Tele-Laryngoscope**, with integrated HOPKINS® lateral telescope 70°, angle of view 50°, diameter 5.8 mm, length 19 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow

8700 H

**Handle**, for use with Tele-Laryngoscopes 8700 CP, 8700 CKA, 8705 CKA and 8700 DKA



8706 CA






**Strobe-Laryngoscope**, with integrated HOPKINS® lateral telescope 70°, oval sheath, 7.2 x 9.3 mm, working length 17 cm, **autoclavable**, fiber optic light transmission incorporated, color code: yellow



8707 DA

**Tele-Laryngo-Pharyngoscope**, with integrated HOPKINS® lateral telescope 90°, 4x magnification focusing device, diameter 10 mm, length 15 cm, **autoclavable**, fiber optic light transmission incorporated, color code: blue

## Accessories

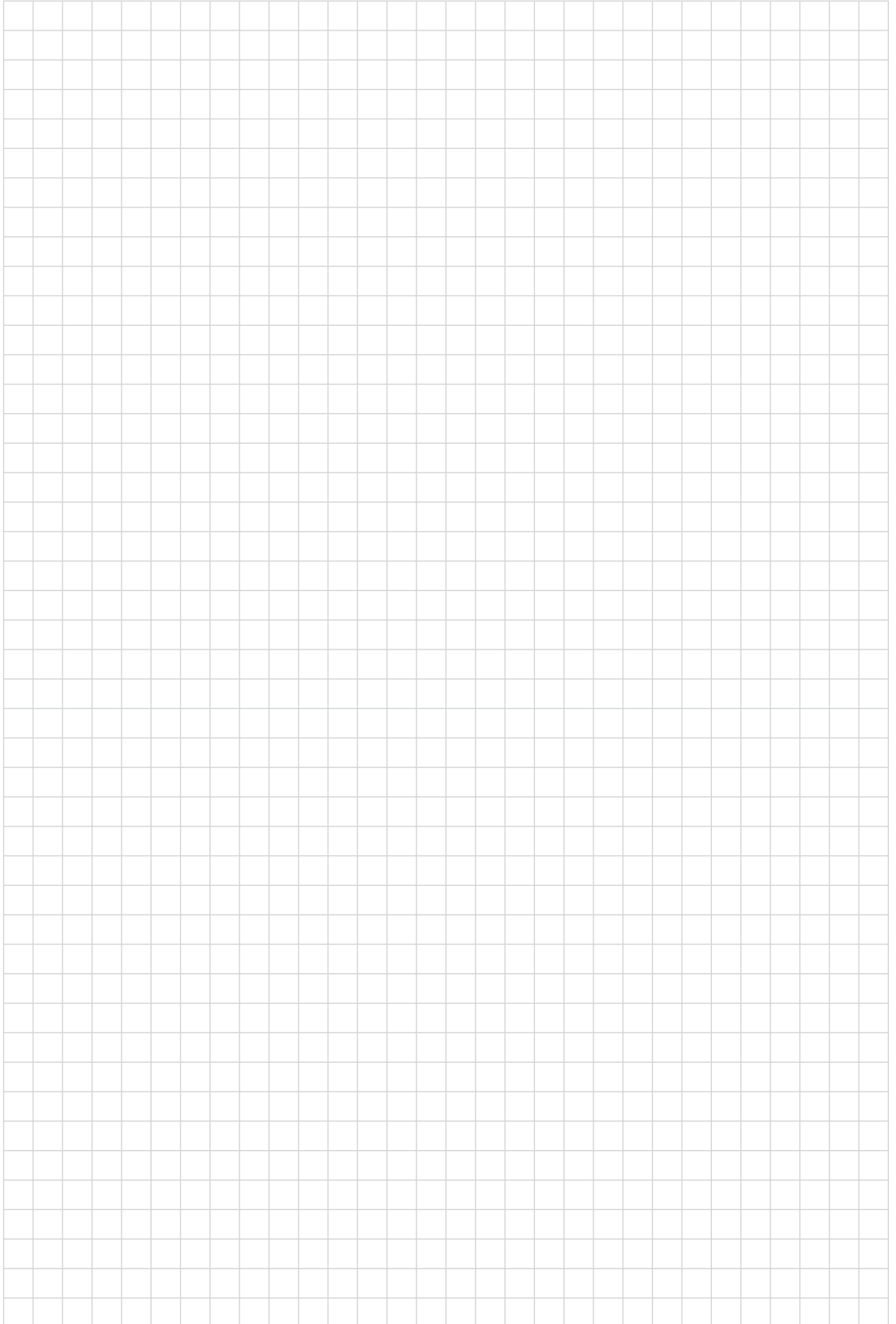
	<p>20200043 <b>C-MOUNT Lens</b>, f = 38 mm, soakable                  20200042 <b>C-MOUNT Lens</b>, f = 30 mm, soakable                  20230141 <b>C-MOUNT Lens</b>, f = 25 mm, soakable                  20230145 <b>C-MOUNT Lens</b>, f = 12 mm, soakable</p>
	<p>20014130 <b>One-Pedal Footswitch</b>, digital, one-stage</p>
	<p>20014330 <b>Two-Pedal Footswitch</b>, one-stage</p>
	<p>ET14-2191291 <b>USB Flash Drive</b>, 8 GB with KARL STORZ labeling                  20040282 <b>KARL STORZ USB Flash Drive</b>, 32 GB</p>
	<p>549 M <b>USB Color Printer</b>, digital A4 printer,                  with 4 frame memories, power supply                  100-240 VAC, 50/60 Hz, including mains cord</p>

## Fiberscope Adaptors for other manufacturers

	<p>29020 GM <b>Adaptor</b>, for Machida fiberscopes</p>
	<p>29020 GN <b>Adaptor</b>, for Olympus fiberscopes, new type</p>
	<p>29020 GO <b>Adaptor</b>, for Olympus fiberscopes, old type</p>
	<p>29020 GP <b>Adaptor</b>, for Pentax and Fujinon fiberscopes</p>

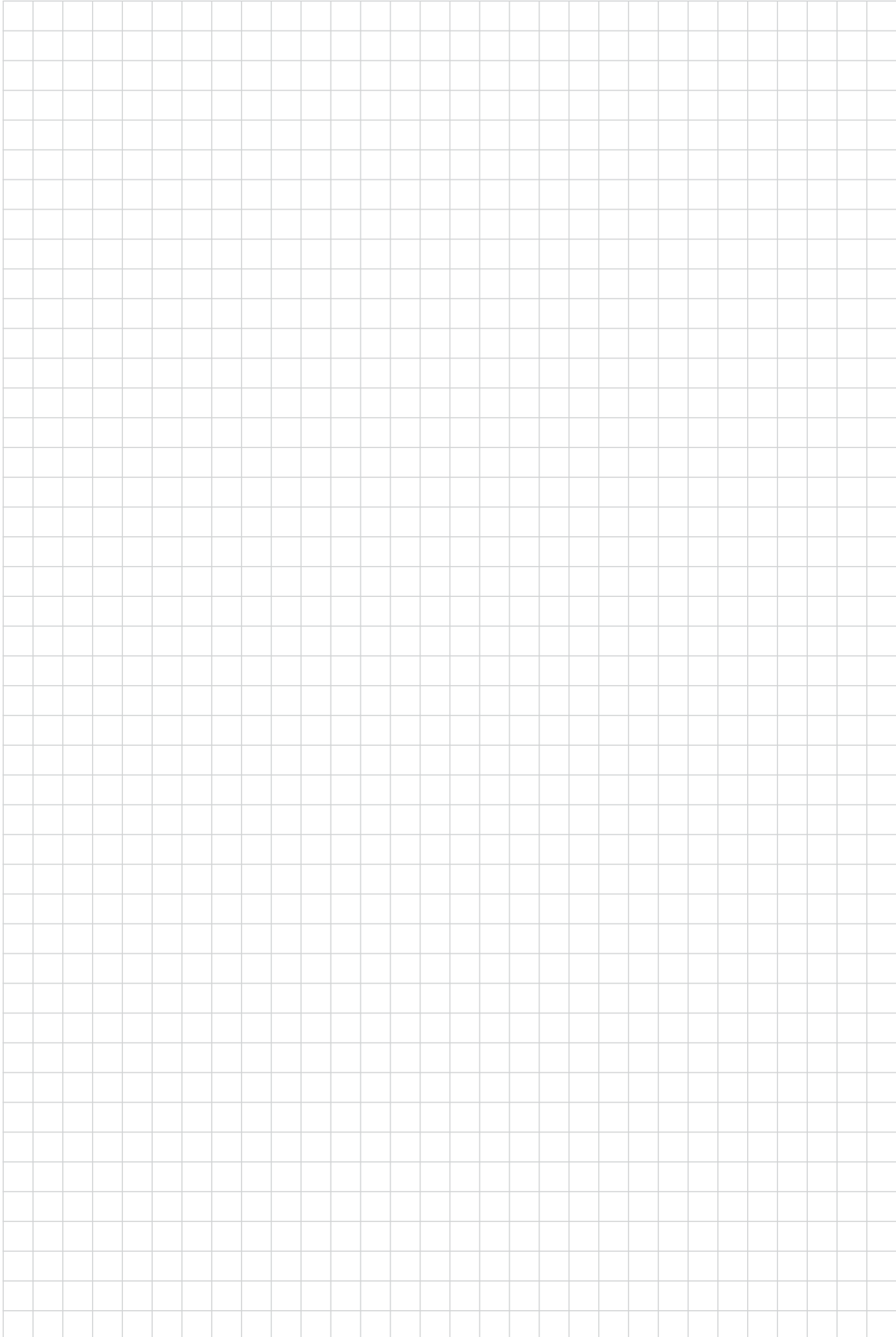


## Notes



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ENDOWORLD®

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