80404LCD

STORZ
KARL STORZ — ENDOSKOPE

TECHNO PACK™

TECHNO PACK™ Product Line

Special features:

- ● **Easy to transport due to compact housing**
- ● **Independent power supply via battery operation**
- ● **Integrated LCD color flat screen display**
- ● **Choice between powerful 24 W or 50 W high-performance light source**
- ● **Storage of digital documentation on PCMCIA Compact Flash memory card or 3.5" disks**
- ● **Robust industrial design**
- ● **Integrated keyboard**
- ● **Compatible with KARL STORZ TELECAM® camera heads and videosocopes**
- ● **Diverse software functions**
- ● **World power supply 100-240 VAC, 50/60 Hz or alternatively 12 V DC connection**

**KARL STORZ TECHNO PACK™ –
THE ALTERNATIVE SOLUTION FOR
MOBILE INSPECTION TEAMS**

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KARL STORZ TECHNO PACK™
– The Mobile Compact Solution –

Special features:
- Independent power supply via battery operation with powerful 12 V/10 Ah battery
- Easy to transport due to compact housing
- Integrated 6.4" color flat screen display, 8-bit color depth
- Light sensitivity can be regulated via camera integration mode up to 60 times higher
- Integrated PCMCIA card slot, suitable for a wide range of industrial applications
- Selection of functions via menu bar
- Portable LCD flat screen monitor 80404 can be connected
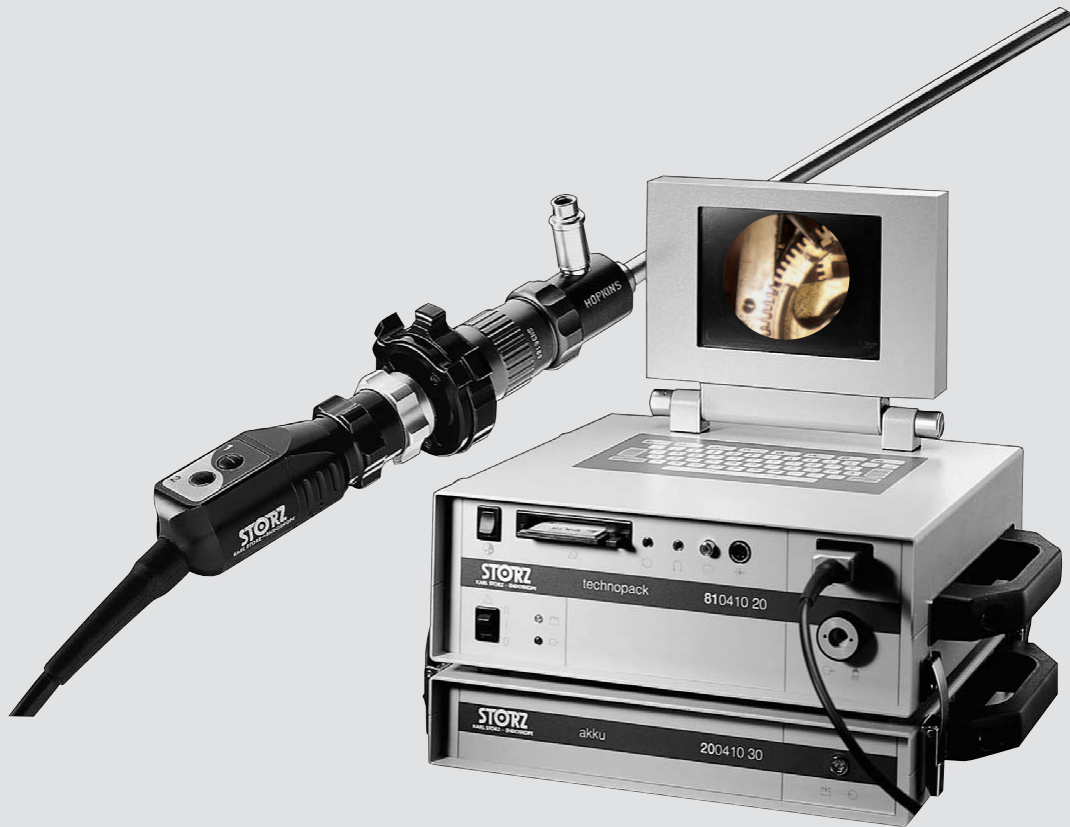- With integrated 2-point laser measurement software

Specifications:

Color systems:	**PAL, NTSC**
Resolution:	subject to camera head used > 450 lines
Exposure:	**automatic**: with infinitely variable shutter and integration mode **manual**: sensitivity increased via integration mode, exposure time up to max. 1.2 seconds possible
Light source:	Xenon lamp, 24 W
Power supply:	world power supply, 85-264 V~, 47-440 Hz, integrated battery charger
Accumulator battery:	12 V/10h Ah, separate housing, can be coupled to TECHNO PACK™ system
Image storage:	PCMCIA card slot, type 1-3, ATA data card for Windows-Bitmap image format (.bmp), wave format for audio files (.wav), ASCII text (.txt)
Monitor:	6.4" flat screen, 8-bit color depth
Keyboard:	QWERTZ membrane keyboard according to European standard system with control buttons

Connections:

Video output:	FBAS signal to BNC socket Y/C signal to 4-pin Mini-DIN socket
Video input:	FBAS signal to BNC socket
LCD glasses:	FBAS signal to Cinch socket, power supply: 4-pin Mini-DIN special
Microphone:	mono condensator microphone with phantom feed, 3.5 mm stereo jack plug, 3-pin
Headphones:	mono, 3.5 mm stereo jack plug, 3-pole
Line:	audio signal to Cinch socket
Serial port:	RS-232 to 9-pin D-Sub socket
Accessories:	Remote socket for external units, Open Collector Out, TTL in ACC 1: 3.5 mm stereo jack plug 3-pole ACC 2: 3.5 mm stereo jack plug 3-pole
Dimensions:	385 x 150 x 260 mm (w x h x d incl. monitor **without** battery unit) 385 x 215 x 260 mm, (w x h x d incl. monitor **with** battery unit)
Weight:	13.5 kg with battery unit
Certified to:	CE and protection class 1

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KARL STORZ TECHNO PACK™
– The Mobile Compact Solution –

with camera head

81 0410 01	**TECHNO PACK™, PAL**	
	consisting of:	
	81 0410 20	**TECHNO PACK™,** Base Unit
	20 2120 30	**Camera Head,** TELECAM® SL Parfocal Zoom
	20 0410 30	**Battery Unit**
	20 0410 31	**Battery Charger,** with Schuko plug
	20 0410 32	**PCMCIA 64 MB PC-Card ATA**
	400 A	**Mains Cord,** length 400 cm
	80134	**Storage and Transport Case,** with integrated castors

81 0411 01	**Same, color system NTSC**

without camera head

81 0410 02	**TECHNO PACK™, PAL**	
	consisting of:	
	81 0410 20	**TECHNO PACK™,** Base Unit
	20 0410 30	**Battery Unit**
	20 0410 31	**Battery Charger,** with Schuko standard plug
	20 0410 32	**PCMCIA 64 MB PC-Card ATA**
	400 A	**Mains Cord,** length 400 cm
	80134	**Storage and Transport Case,** with integrated castors

81 0411 02	**Same, color system NTSC**

Accessories:

81 1305 25	**Spare XENON Lamp,** 24 W
20 0900 38	**Head-Set**
20 0420 71	**12 VDC Mains Cord,** length 150 cm
20 0420 70	**12 VDC Mains Cord,** length 300 cm

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KARL STORZ TECHNO PACK™ II NEW
– The Mobile Desktop Option –

Special features:
- **Independent power supply via battery operation**
- **Easy to transport due to compact housing**
- **Integrated handle**
- **Integrated 12" color flat screen display, 16-bit color depth**
- **Light sensitivity can be regulated via camera integration mode**
- **Integrated PCMCIA card slot and 3.5" disk drive**
- **Diverse software functions, such as, for example, zoom function, image gallery, image comparison, filter, etc.**
- **Interchangeable light source module with choice between 24 W and 50 W**
- **With integrated 2-point laser measurement software**

Specifications:

Color systems:	**PAL, NTSC**
Resolution:	subject to camera head used > 500 lines
Exposure:	**automatic**: with infinitely variable shutter and integration mode **manual:** sensitivity can be increased via integration mode, exposure time up to max. 1.2 seconds possible
Light source:	choice between 24 W or 50 W light arc lamp (HI-Lux) light arc lamp (HI-Lux)
Power supply:	world power supply, 85-264 V~, 47- 440 Hz, integrated battery charger and battery charger display
Accumulator battery:	12 V/10h Ah NiMH separate housing, can be coupled to TECHNO PACK™ II – system
Image storage:	**PCMCIA card slot,** type 1-3, ATA PCMCIA or Compact Flash data card and **3.5" disk drive** for Windows JPG image format (.jpg), wave format for audio files (.wav), ASCII text (.txt)
Monitor:	12" flat screen, 16-bit color depth, 800 x 600 resolution
Keyboard:	QWERTY membrane keyboard according to US standard system control buttons with integrated mouse

Connections:

Video output:	FBAS signal to BNC socket Y/C signal to 4-pin Mini-DIN socket
Video input:	FBAS signal to BNC socket
LCD glasses:	FBAS signal to Cinch socket, power supply: 4-pin Mini-DIN special
Microphone:	mono condensator microphone with phantom feed, 3.5 mm stereo jack plug, 3-pole
Headphones:	mono, 3.5 mm stereo jack plug, 3-pole
Line:	audio signal to Cinch socket
Serial-Port:	RS-232 to 24-pin D-Sub socket
Accessories:	Remote socket for external units, Open Collector Out, TTL in ACC 1: 3.5 mm stereo jack plug 3-pole ACC 2: 3.5 mm stereo jack plug 3-pole
Dimensions of TECHNO PACK™ II system:	305 x 160 x 260 mm, (w x h x d incl. monitor **without** battery unit) 305 x 160 x 354 mm, (w x h x d incl. monitor **with** battery unit)
Weight of system case with battery unit:	21 kg with battery unit
TECHNO PACK™	
Base Unit:	7.9 kg
Battery unit only:	3.5 kg
Certified to:	CE and protection class 1

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KARL STORZ TECHNO PACK™ II ^{NEW}
– The Mobile Desktop Option –

81 0430 01	**TECHNO PACK™ II, PAL**	
	consisting of:	
	81 0430 20	**TECHNO PACK™ II,** Base Unit including **20** 0430 28 lamp module 50 Watt and 1442391 12" flat screen
	20 0410 32	**PCMCIA 64 MB PC-Card ATA**
	400 A	**Mains Cord,** length 400 cm
	547 S	**S-VHS (Y/C) Connecting Cable,** length 180 cm
	80134 B	**Storage and Transport Case,** with integrated castors
81 0431 01	**TECHNO PACK™ II, NTSC**	
	consisting of:	
	81 0431 20	**TECHNO PACK™ II,** Base Unit, including **20** 0431 28 lamp module 50 Watt and 1442391 12" flat screen
	20 0410 32	**PCMCIA 64 MB PC-Card ATA**
	400 B	**Mains Cord,** length 400 cm
	547 S	**S-VHS (Y/C) Connecting Cable,** length 180 cm
	80134 B	**Storage and Transport Case,** with integrated castors

Accessories:

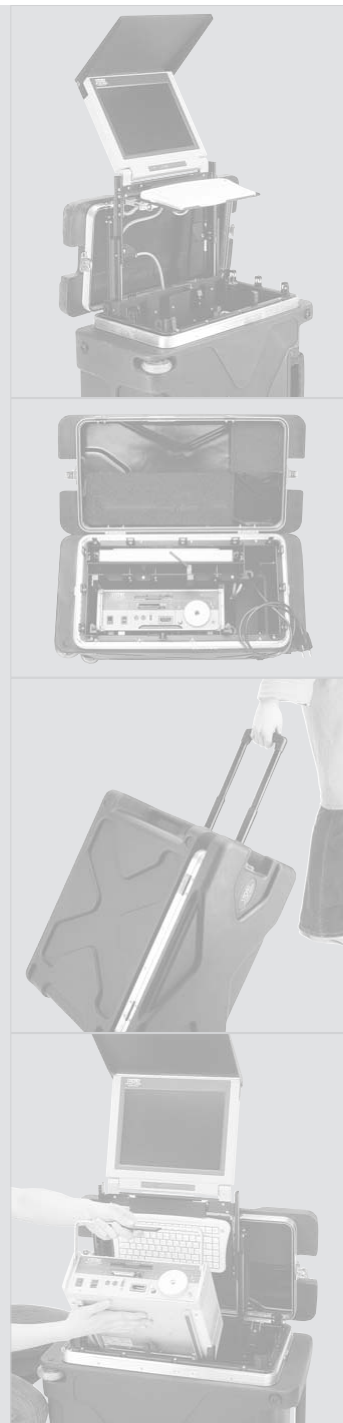|	
81 0430 30	**TECHNO PACK™ II Battery,** NiMH
20 0430 26	**Lamp Module 24 Watt** (without light intensity adjustment) (PAL)

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KARL STORZ TECHNO PACK™ II *NEW*
– System Case –

81 0430 05 | **System Case TECHNO PACK™ II, PAL**
consisting of:

81 0430 20	**TECHNO PACK™ II,** Base Unit, including **20** 0430 28 lamp module 50 Watt
20 0410 32	**PCMCIA 64 MB PC-Card ATA**
547 S	**S-VHS (Y/C) Connecting Cable,** length 180 cm
400 A	**Mains Cord**
80137	**System Case with Schuko power plug,** including 1442391 12" flat screen

81 0431 05 | **System Case TECHNO PACK™ II, NTSC**
consisting of:

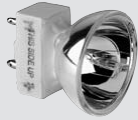|	
81 0431 20	**TECHNO PACK™ II,** Base Unit, including **20** 0431 28 lamp module 50 Watt
20 0410 32	**PCMCIA 64 MB PC-Card ATA**
547 S	**S-VHS (Y/C) Connecting Cable,** length 180 cm
400 B	**Mains Cord**
80137 U	**System Case with US power plug,** including 1442391 12" flat screen

Accessories:

20 0430 26	**Lamp Module 24 Watt** (without light intensity adjustment) (PAL)
20 2120 30	**Camera Head TELECAM® SL Parfocal-Zoom,** PAL
20 2121 30	**Camera Head TELECAM® SL Parfocal-Zoom,** NTSC
80404 K2A	**Connecting Cable,** for LED Monitor 80404 LCD

81 130 5 25   **HiLux Spare Lamp,** 24 Watt

81 131 0 21   **HiLux Spare Lamp,** 50 Watt

20 0900 38   **Head-Set**

20 0420 70   **12 VDC Mains Cord,** length 300 cm

20 0420 71   **12 VDC Mains Cord,** length 150 cm

20 0410 32   **PCMCIA Memory Card**

20 0420 26   **PCMCIA Card Reader** for USB interface

88 0020 10   **TV Card USBAV-190,** including software
with USB interface

20 0430 26   **Lamp Module with 24 Watt Lamp,** for TECHNO PACK™ II
(without manual exposure adjustment) (PAL)

20 0431 26   **Same,** (NTSC)

20 0430 28   **Lamp Module with 50 Watt Lamp,** for TECHNO PACK™ II
(PAL)

20 0431 28   **Same,** (NTSC)

20 2001 30 U   **External Keyboard,** with US-English character set

81 0430 30   **TECHNO PACK™ II Battery,** NiMH, 12 V/10 h

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