



## ACCESSORIES

# Image Deflection and Simultaneous Viewing Attachments

Attachments for image deflection ensure comfortable endoscopy, for example, in confined spaces where it is difficult or impossible to get a direct view through the eyepiece.



- 80226      **Rigid Attachment**, for 60° image deflection, length 350 mm
- 80228      **Rigid Attachment**, for 90° image deflection, length 160 mm
- 80229      **Same**, length 350 mm
- 80229 XL    **Same**, length 710 mm
- 80228 A     **Rigid Attachment**, for simultaneous viewing, length 160 mm
- 80229 A     **Same**, length 350 mm

# Attachments for Magnification, Eye Cup, Stop Rings



## 80231 Magnification Attachment

The magnification attachment is fitted onto the eyepiece of a flexoscope or rigid borescope with a claw coupling. It allows twofold enlargement of the diameter of the endoscopic image and enhances imaging details if used with a rigid borescope.



## 80609 Eyepiece Cup

The eyepiece cup has a ball catch coupling which is fitted onto the eyepiece of a flexoscope or rigid borescope, which keeps bothersome light out. The rubber cap is easy to screw onto the metal body of the eyepiece cup and does not hinder rotation of the borescope during inspection. The eyepiece cup can also be fitted with a correction lens, which allows spectacle wearers to perform endoscopy without their glasses.



The stop ring can be attached to any part of the sheath of a rigid borescope. They allow inserting the borescope to a pre-determined depth.

- 80607-03 **Stop Ring**, metal sleeve with teflon inlay, diameter 16 mm, 10 mm strong, for borescope diameter 2.9 mm
- 80607-04 **Same**, for boscopes diameter 3.8 mm
- 80607-05 **Same**, for boscopes diameter 5.8 mm
- 80607-06 **Same**, for boscopes diameter 6.5 mm
- 80607-07 **Same**, for boscopes diameter 7.1 mm
- 80607-08 **Same**, for boscopes diameter 8 mm
- 80607-10 **Same**, for boscopes diameter 10 mm

## Multifunctional Stand

**Multifunctional stand for stabilizing endoscopes and cameras**

- Can be moved in all directions
- Central locking (single-lever control)



80600 **Multifunctional Stand**, for holding endoscopes and cameras

**consisting of:**

**Articulated Stand**

**Attachment Clamp**

80601 F1 **Endoscope Support**, for flexoscopes up to diameter 4.2 mm

80601 F2 **Same**, diameter over 4.2 mm

80601 S3 **Endoscope Support**, for rigid borescopes diameter 2.9 mm

80601 S4 **Same**, diameter 3.8 mm

80601 S5 **Same**, diameter 5.8 mm

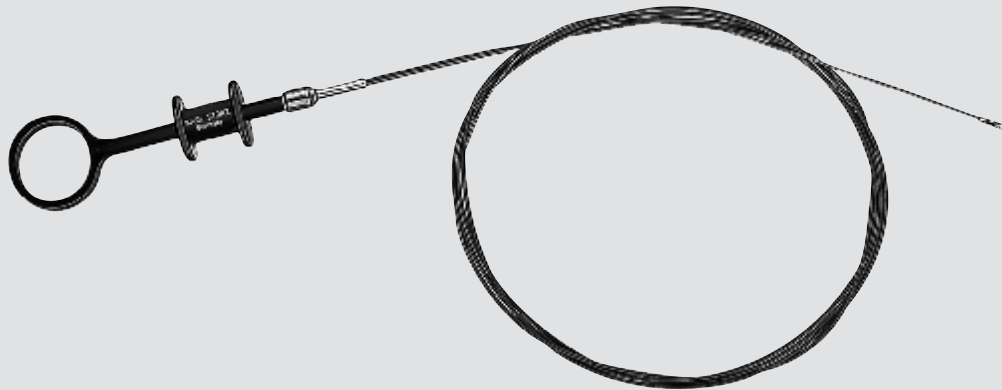
80601 S6 **Same**, diameter 6.5 mm

80601 S8 **Same**, diameter 8 mm

80601 S10 **Same**, diameter 10 mm

80600 H **Attachment Clamp**, for videoscopes

## Flexible Forceps



Jaws	Diameter in mm	Length in cm	Order No.
	1	60	11003 KB
		110	11003 MB
	1.7	120	11002 KS
	1	60	11003 KA
		110	11003 MA
	1.7	120	11001 KL
	2.2	120	13253 KF
		160	13253 MF
		200	13253 LF
	2.2	120	13253 KG
		160	13253 MG
		200	13253 LG
	2.2	120	13253 KH
		160	13253 MH
		200	13253 LH
	2.2	120	13253 KJ
		160	13253 MJ
		200	13253 LJ
	2.2	120	13253 KK
		160	13253 MK
		200	13253 LK

Flexible forceps in lengths other than those listed above are available on request.

# Adaptors

for use with KARL STORZ cameras



20 2000 32



9530 BD

**20 2000 32 KARL STORZ Special Beamsplitter**, for use with TECHNO CAM™ and TELECAM® for simultaneous viewing through the endoscope and on the monitor

The connector for the camera head is angled 120° and is rotatable. The camera head can be optimally positioned at all times.

**9530 BD Integral Rotating Beamsplitter**, for use with TECHNO CAM™ and TELECAM®, for simultaneous viewing through the endoscope and monitor screen

The beamsplitter is designed as such that the camera head – irrespective of the telescope movement – is always in the 6 o'clock position. The monitor image thus corresponds exactly to the image the user would have under direct vision.

It is also possible to lock the camera in the 6 o'clock position with the coupler.



20 2800 40

**20 2800 40 V/C-Mount Adaptor**, for connecting optical accessories with C-Mount connection to the **KARL STORZ TECHNO CAM™** 20 2800 30/20 2801 30 camera head

## Adaptor for connecting KARL STORZ cameras to flexoscopes from other manufacturers:



29020 GM



29020 GN

**29020 GM Adaptor**, for Machida flexoscopes

**29020 GN Adaptor**, for Olympus flexoscopes



29020 GO



29020 GP

**29020 GO Adaptor**, for Olympus flexoscopes, D3 generation

**29020 GP Adaptor**, for Pentax and Fujinon flexoscopes

**81490 Q Adaptor**, for Richard Wolf rigid endoscopes

# System Case for Transportation and Storage

For endoscopic inspection and testing equipment

Shockproof aluminium system case for secure transport and storage of endoscopic inspection and testing equipment. Non-slip instrument storage tray with fitted foam inlay.

#### Stores:

- Up to 3 borescopes or 2 borescopes and 1 swing prism borescope or 1 flexoscope
- Cold Light Projector 81472 B with mains cord
- Light Cable
- Rigid attachment
- Rapid coupling and further accessories
- Spare lamp



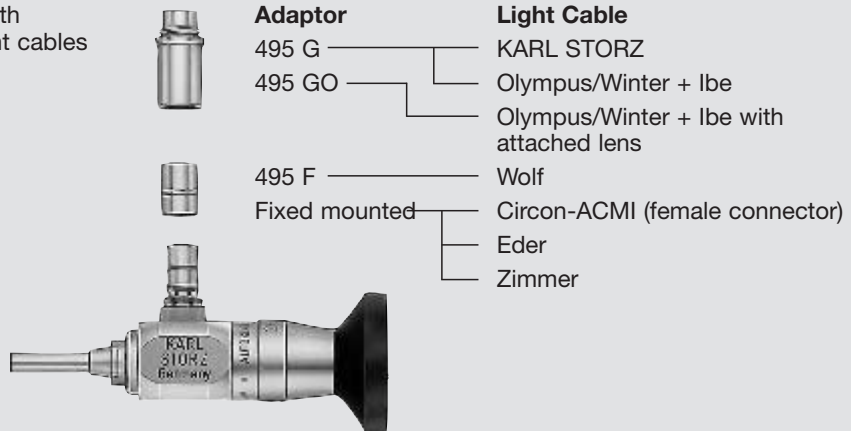
80130 D1

- |          |   |
|----------|---|
| 80130 D1 | <b>System Case</b> , for transporting endoscopes with a working length of max. 560 mm, dimensions: 680 x 415 x 122 mm (w x h x d)       |
| 80130 DX | <b>Large System Case</b> , for transporting endoscopes with a working length of max. 780 mm, dimensions: 900 x 415 x 122 mm (w x h x d) |
| 80130 F  | <b>System Case</b> , for transporting flexible endoscopes, dimensions: 680 x 415 x 122 mm (w x h x d)                                   |

Please note: Special case available on request

# Adaptor

**HOPKINS®** Telescopes with universal connector for light cables



Other manufacturers	I = Instrument CLP = Cold Light Projector LC = Light Cable	KARL STORZ				
		Light Cable	Cold Light Projector	Instrument Older Model	Instrument New Model	Special Applications
Aesculap	CLP	495 PWS				Only required for use with <b>KARL STORZ</b> fiberscopes and light cables with continuously variable distal connection 7 mm, with adaptor <b>495 S/495 PWS</b>
Circon-ACMI	I	495 W				Circon-ACMI connector to Circon-ACMI-connector <b>495 Y</b>
	I - female	495 KM				
	CLP	495 PA				
	LC - female		495 C	495 K		
	LC - male				495 Y	
American Optical	LC		81495 AO			
Downs	CLP	495 PA				
Dyonics	CLP	81495 Q				
Effner	CLP	81495 Q				
	LC		495 KA			
Fort	CLP	81495 KF				
	LC					
Fuji	CLP	495 FU				
	LC		495 ZU			
Heine-Optotechnik	I	495 U				
	CLP	495 O				
	LC		495 B	495 J	495 J	
Homoth	CLP	495 KH				
KLI	LC		495 C			
	CLP	495 PA				
Lumatec	CLP	81495 LU				
Machida	CLP	495 SM				
Medtech	CLP	495 TK				

# Adaptor

Other manufacturers	I = Instrument CLP = Cold Light Projector LC = Light Cable	KARL STORZ				
		Light Cable	Cold Light Projector	Instrument Older Model	Instrument New Model	Special Applications
MLW	I	495 KN				<b>KARL STORZ</b> Light Cable for FRIEDEL MLW Bronchoscope
	CLP	495 KL				
	LC			495 KD	495 KD	
Olympus	CLP (Technology)	81495 OT				<b>Olympus Light Cable for KARL STORZ Technofountain 81450/81495 OL</b>
	LC		81495 D			
Pentax	CLP	495 T				<b>495 S:</b> The use of <b>KARL STORZ</b> fiberscopes with integral fiber optic light cable and <b>KARL STORZ</b> light cables with continuously variable distal connection diameter 7 mm require Adaptor <b>495 PWS</b> as well as Adaptor <b>495 S</b> .
	LC		81495 D			
Pilling	I	495 SP				
	CLP	495 R				
	LC			495 L	495 L	
Richards	LC		495 LR	495 JR	495 JR	
HSW	I	495 V				
	CLP	81495 Q				
	LC		495 E	495 N	495 N	
Schott	CLF	81495 SCH				
Stryker	I	495 ST				
	CLP	495 PA				
Thackray	CLP	495 BT				
	LC		495 SFT			
Richard Wolf/Efer	I	81495 X				
	CLP	81495 Q				
	LC		495 E	495 M	495 F	
Olympus/ Winter + Ibe	CLP	495 S				
	LC with attached lens			495 GO	495 GO	
Zeiss	CLP	495 ZE				
	LC		495 ZF	495 ZJ	495 ZJ	
	OR Microscope	495 ZM				
	OR Microscope 14 mm diameter	495 ZS				
	Cap 303477	495 ZK				
	Cap 303484	495 ZK 1				
Streppel	CLP	81495 STR				
Schölly	CLP	81495 STR				
Everest VIT	I	495 W				

## KARL STORZ Adaptor Series 487

The following adaptors can be used with KARL STORZ Cold Light Projectors TECHNO LIGHT™ 270, TECHNO ARC 60, TECHNO PACK™ II and XENON NOVA® 300



- 487 A      **Adaptor**, for **KARL STORZ** light source with ACMI light cable
- 487 M      **Adaptor**, for **KARL STORZ** light source with Machida light cable
- 487 O      **Adaptor**, for **KARL STORZ** light source with Olympus light cable
- 487 OES    **Adaptor**, for **KARL STORZ** light source with Olympus OES flexible endoscope
- 487 P      **Adaptor**, for **KARL STORZ** light source with Pilling light cable
- 487 S      **Adaptor**, for **KARL STORZ** light source with KARL STORZ light cable
- 81487 UO   **Adaptor**, for **KARL STORZ** light source with **KARL STORZ**, Wolf, Dyonics, Circon-ACMI, Olympus, V Müller, Eder, Stryker, KLI, Sparta light cables
- 487 W      **Adaptor**, for **KARL STORZ** light source with Wolf light cable
- 487 WI      **Adaptor**, for **KARL STORZ** light source with Winter-IBE light cable
- 487 Z      **Adaptor**, for **KARL STORZ** light source with Zeiss light cable

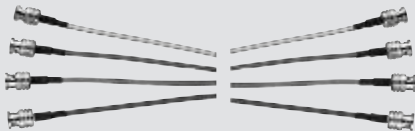
## Video Cables



- 536 MK **BNC/BNC Video Cable**, length 180 cm
- 536 MP **BNC/BNC Video Cable**, length 240 cm
- 536 MF **BNC/BNC Video Cable**, length 450 cm
- 536 ME **BNC/BNC Video Cable**, length 760 cm
- 536 MN **BNC/BNC Video Cable**, length 15 m
- 536 MNE **BNC/BNC Video Cable**, length 23 m
- 536 MNL **BNC/BNC Video Cable**, length 30 m



- 547 S **S-VHS (Y/C) Connecting Cable**, length 180 cm
- 547 SK **S-VHS (Y/C) Connecting Cable**, length 240 cm
- 547 SL **S-VHS (Y/C) Connecting Cable**, length 350 cm
- 547 SR **S-VHS (Y/C) Connecting Cable**, length 500 cm
- 547 SN **S-VHS (Y/C) Connecting Cable**, length 15 m
- 547 SNE **S-VHS (Y/C) Connecting Cable**, length 23 m
- 547 SNL **S-VHS (Y/C) Connecting Cable**, length 30 m
- 547 SE **S-VHS (Y/C) Connecting Cable**, length 500 cm
- 547 SLE **S-VHS (Y/C) Extension Cable**, length 750 cm



- 547 RG **RGB Connecting Cable**, length 180 cm
- 547 RGK **RGB Connecting Cable**, length 240 cm
- 547 RGM **RGB Connecting Cable**, length 450 cm
- 547 RGL **RGB Connecting Cable**, length 760 cm
- 547 RGN **RGB Connecting Cable**, length 15 m



- 20 2210 70** **Connecting Cable**, for controlling video printers/recorders, length 180 cm
- 20 2210 75** **Connecting Cable**, for controlling video printers/recorders, length 15 m
- 20 2210 76** **Extension Cable**, for controlling video printers/recorders, length 5 m
- 20 2210 77** **Extension Cable**, for controlling video printers/recorders, length 15 m