



FLEXIBLE HD VIDEOENDOSKOPIE  
*FLEXIBLE HD VIDEOENDOSCOPY*



# ACKERMANN FLEXIBLE HD VIDEO ENDOSCOPY SYSTEM

Die sehr intensive Weissbeleuchtung, welche durch die bereits integrierte LED-Lichtquelle im Scope selbst ermöglicht wird, erlaubt die perfekte medizinische Video-Endoskopie. Die Verwendung von Faserbündeln ist nicht mehr zur Lichtübertragung nötig!

Die HD-Anzeige ist weitaus angenehmer, nicht nur aufgrund der zusätzlich erkennbaren Details, sondern mehr auch, wegen der schärfer und klarer erscheinenden Bilder. Um auch die feinsten Details, insbesondere in therapeutischen Endoskopie ersichtlich machen zu können, ist Ackermanns Flexibles HD Video Endoskopie System ein visueller Genuss.

### Merkmale

- ▶ High-Definition (HD)-Ausgang
- ▶ LED-Licht an der Spitze des Videoendoskops
- ▶ Externer Eingang (X-RAY/ULTRASOUND) für PIP & POP Anlage
- ▶ Speicherkarte für Bildaufnahme und -Speicherung
- ▶ Lichtübertragung nicht mehr durch Faserbündel
- ▶ High-Definition ermöglicht genauere Betrachtung
- ▶ Klarere und schärfere Bilder
- ▶ Besonders nützlich für therapeutische Endoskopie
- ▶ Programmierbare Fernbedienung
- ▶ Spitzentechnologie mit hoch intensivem weissen Licht

Technical Data	
Optical System / Field of view	145°
Optical System / Direction of view	forward viewing
Optical System / Depth of field	3 to 100 mm
Distal End / Outer diameter	9.8 mm
Range / Distal end bending	Up 210°, Down 100° Right 100°, Left 100°
Working length	1070 mm
Total length	1350 mm
Instrument channel / Inner diameter	2.8 mm
Instrument channel / Min. visible distance	2 mm

The high intensity white illumination by integrated „LED at the tip“ technology enables perfectly medical video endoscopy. No fibre bundle has to be used for light transmission anymore!

The HD viewing is far more satisfying, not only because of additional detail it permits, but also because of sharper and clearer pictures. To explore even the finest details, especially in therapeutic endoscopy, the Ackermann Flexible HD Video Endoscopy is a visual delight.

### Features

- ▶ High definition (HD) output
- ▶ LED light at the tip of the video endoscope
- ▶ External input (X RAY/ULTRASOUND) for PIP & POP facility
- ▶ Memory card for image capture & storage
- ▶ No fibre bundle used for light transmission
- ▶ High definition permits more detailed viewing
- ▶ Clearer and sharper pictures
- ▶ Especially useful for therapeutic endoscopy
- ▶ Programmable remote control switches
- ▶ Cutting edge technology of high intensity white illumination



**80-0500** Videogastroscope, W/L 1070 mm, O/D 9,8 mm, CH. 2,8 mm

# VIDEOENDOSKOPE | VIDEOENDOSCOPES

Technical Data	
Optical System / Field of view	145°
Optical System / Direction of view	forward viewing
Optical System / Depth of field	3 to 100 mm
Distal End / Outer diameter	13 mm
Working length	1680 mm
Range / Distal end bending	Up 180°   Down 180° Right 160°   Left 160°
Total length	1975 mm
Instrument channel / Inner diameter	3.7 mm
Instrument channel / Min. visible distance	2 mm



**80-0501** Videocolonoscope, W/L 1680 mm, O/D 13 mm, CH. 3,7 mm

Technical Data	
Optical System / Field of view	100°
Optical System / Direction of view	5° backward-oblique
Optical System / Depth of field	5 to 60 mm
Distal End / Outer diameter	13.5 mm
Range / Distal end bending	Up 120°, Down 90° Right 110°, Left 90°
Working length	1260 mm
Total length	1545 mm
Instrument channel / Inner diameter	4.2 mm
Instrument channel / Min. visible distance	10 mm



**80-0502** Videoduodenscope, W/L 1260 mm, O/D 13,5 mm, CH. 4,2 mm



### GERÄTE | UNITS



**80-0503** Universal HD Video Prozessor, externe Speicherkarte einsetzbar  
*Universal HD video processor, external memory card insertable*



**80-0508** Twin Scope Endowasher mit Touchscreen, integriertem Drucker und Dichtungsprüfer  
*Twin Scope Endowasher with touch screen, in-built printer and leakage testing facility*

### SOFTWARE | SOFTWARE

**80-0509** Single User Software, Berichterstattung und Dokumentation  
*Single User Software, reporting and documentation*

**80-0510** Multi User Software, Berichterstattung und Dokumentaion, LAN Version  
*Multi User Software, reporting and documentation, LANversion*

### GERÄTEWAGEN | EQUIPMENT TROLLEY



**80-0511** Gerätewagen  
*Trolley*

Technical Data	
Dimensions	142,8 x 71,4 x 62,5 cm
Load	50 kg
Colour	light grey
Standards	CE

Including	
- 4 shelves	
- 1 deposit console 60 x 49 cm adjustable, with handle	
- 3 deposit consoles 60 x 49 cm, adjustable	
- 1 drawer unit with storage tray 60 x 49 cm	
- 4 wheels, 2 with brakes	

Accessories	
<b>15-1741-100</b>	Holder for gas bottles (5 and 10 L)
<b>15-1741-200</b>	Holding arm for flat screens
<b>15-1741-400</b>	Holder for camera head
<b>15-1741-500</b>	Cable/tube holding arm
<b>15-1741-600</b>	Holder for infusion bottles
<b>15-1741-700</b>	Isolating Transformer



### ECONOMY SETS

#### 80-0503\_SET1 Gastroscopy Economy Set consisting of



**80-0503E** Universal Video Prozessor, externe Speicherkarte einsetzbar  
*Universal video processor, external memory card insertable*



**80-0500E** Videogastroskop, W/L 1070 mm, O/D 9,8 mm, CH. 2,8 mm  
*Videogastroscope, W/L 1070 mm, O/D 9,8 mm, CH. 2,8 mm*



**BZ-60400 (2x)** Biopsie Löffelgreifzange, oval, gefenstert  
*Biopsy forceps, oval cup, fenestrated* 2,6 mm 2300 mm



**BZ-61475** Nadel, Metall, LL Verbindung, 0,9 x 6 mm  
*Needles, metal, LL connection, 0,9 x 6 mm* 2,3 mm 1600 mm



**BZ-60990** Fremdkörper Alligator Greifzange  
*Foreign body alligator forceps* 2,5 mm 1600 mm



**BZ-60515** Griff für Biopsie Löffelgreifzange, **langer** Griff  
*Handle for biopsy forceps, long handle*



**BZ-60485** Biopsie Löffelgreifzange, oval, gefenstert, Teflon  
*Biopsy forceps, oval cup, fenestrated, teflon* 2,5 mm 1600 mm



**BZ-61290** Biopsie Bürste 5 mm für 2,2 mm Kanal  
*Biopsy brush 5 mm for 2,2 mm channel* 2,3 mm 1600 mm

### ECONOMY SETS

#### 80-0503\_SET3 Colonoscopy Economy Set consisting of



**80-0503E** Universal Video Prozessor, externe Speicherkarte einsetzbar  
*Universal video processor, external memory card insertable*



**80-0501** Videocolonoskop, W/L 1680 mm, O/D 13 mm, CH. 3,7 mm  
*Videocolonoscope, W/L 1680 mm, O/D 13 mm, CH. 3,7 mm*



**BZ-60415 (2x)** Biopsie Löffelgreifzange, oval, gefenstert  
*Biopsy forceps, oval cup, fenestrated* 3,0 mm 1800 mm



**BZ-61485** Nadel, Metall, LL Verbindung, 0,9 x 6 mm  
*Needles, metal, LL connection, 0,9 x 6 mm* 2,3 mm 2300 mm



**BZ-61015** Fremdkörper Alligator Greifzange  
*Foreign body alligator forceps* 3,0 mm 2300 mm



**BZ-60515** Griff für Biopsie Löffelgreifzange, **langer** Griff  
*Handle for biopsy forceps, long handle*



**BZ-60575** Luer Lock Teflon Löffelgreifzange, oval, gefenstert  
*Luer Lock teflon forceps, oval cup, fenestrated* 3,0 mm 2300 mm



**BZ-61305** Biopsie Bürste 7 mm für 3,7 mm Kanal  
*Biopsy brush 7 mm for 3,7 mm channel* 1,8 mm 1600 mm





### ECONOMY SETS

**80-0503\_SET5** Duodenoscopy Economy Set consisting of



**80-0503E** Universal Video Prozessor, externe Speicherkarte einsetzbar  
*Universal video processor, external memory card insertable*



**80-0502** Videoduodenoskop, W/L 1260 mm, O/D 13,5 mm, CH. 4,2 mm  
*Videoduodenoscope, W/L 1260 mm, O/D 13,5 mm, CH. 4,2 mm*



**BZ-60410 (2x)** Biopsie Löffelgreifzange, oval, gefenstert  
*Biopsy forceps, oval cup, fenestrated* 3,0 mm  
1600 mm



**BZ-60570** Luer Lock Teflon Löffelgreifzange, oval, gefenstert  
*Luer Lock teflon forceps, oval cup, fenestrated* 3,0 mm  
1600 mm



**BZ-60515** Griff für Biopsie Löffelgreifzange, **langer** Griff  
*Handle for biopsy forceps, long handle*



**BZ-61010** Fremdkörper Alligator Greifzange  
*Foreign body alligator forceps* 3,0 mm  
1600 mm



**BZ-61475** Nadel, Metall, LL Verbindung, 0,9 x 6 mm  
*Needles, metal, LL connection, 0,9 x 6 mm* 2,3 mm  
1600 mm



**BZ-61305** Biopsie Bürste 7 mm für 3,7 mm Kanal  
*Biopsy brush 7 mm for 3,7 mm channel* 1,8 mm  
1600 mm

### HD SETS

**80-0503\_SET2** Gastroscopy HD Set consisting of



**80-0503** Universal HD Video Prozessor, externe Speicherkarte einsetzbar  
*Universal HD video processor, external memory card insertable*



**80-0500** Videogastroskop, W/L 1070 mm, O/D 9,8 mm, CH. 2,8 mm,  
*Videogastroscope, W/L 1070 mm, O/D 9,8 mm, CH. 2,8 mm*



**BZ-60400 (2x)** Biopsie Löffelgreifzange, oval, gefenstert  
*Biopsy forceps, oval cup, fenestrated* 2,6 mm  
2300 mm



**BZ-61475** Nadel, Metall, LL Verbindung, 0,9 x 6 mm  
*Needles, metal, LL connection, 0,9 x 6 mm* 2,3 mm  
1600 mm



**BZ-60990** Fremdkörper Alligator Greifzange  
*Foreign body alligator forceps* 2,5 mm  
1600 mm



**BZ-60515** Griff für Biopsie Löffelgreifzange, **langer** Griff  
*Handle for biopsy forceps, long handle*



**BZ-60485** Biopsie Löffelgreifzange, oval, gefenstert, Teflon  
*Biopsy forceps, oval cup, fenestrated, teflon* 2,5 mm  
1600 mm



**BZ-61290** Biopsie Bürste 5 mm für 2,2 mm Kanal  
*Biopsy brush 5 mm for 2,2 mm channel* 2,3 mm  
1600 mm



### HD SETS

**80-0503\_SET4** Colonoscopy HD Set consisting of



**80-0503** Universal HD Video Prozessor, externe Speicherkarte einsetzbar  
*Universal HD video processor, external memory card insertable*



**80-0501** Videocolonoskop, W/L 1680 mm, O/D 13 mm, CH. 3,7 mm  
*Videocolonoscope, W/L 1680 mm, O/D 13 mm, CH. 3,7 mm*



**BZ-60415 (2x)** Biopsie Löffelgreifzange, oval, gefenstert  
*Biopsy forceps, oval cup, fenestrated* 3,0 mm 1800 mm



**BZ-61485** Nadel, Metall, LL Verbindung, 0,9 x 6 mm  
*Needles, metal, LL connection, 0,9 x 6 mm* 2,3 mm 2300 mm



**BZ-61015** Fremdkörper Alligator Greifzange  
*Foreign body alligator forceps* 3,0 mm 2300 mm



**BZ-60515** Griff für Biopsie Löffelgreifzange, **langer** Griff  
*Handle for biopsy forceps, long handle*



**BZ-60575** Luer Lock Teflon Löffelgreifzange, oval, gefenstert  
*Luer Lock teflon forceps, oval cup, fenestrated* 3,0 mm 2300 mm



**BZ-61305** Biopsie Bürste 7 mm für 3,7 mm Kanal  
*Biopsy brush 7 mm for 3,7 mm channel* 1,8 mm 1600 mm

### HD SETS

**80-0503\_SET6** Duodenoscopy HD Set consisting of



**80-0503** Universal HD Video Prozessor, externe Speicherkarte einsetzbar  
*Universal HD video processor, external memory card insertable*



**80-0502** Videoduodenoskop, W/L 1260 mm, O/D 13,5 mm, CH. 4,2 mm  
*Videoduodenoscope, W/L 1260 mm, O/D 13,5 mm, CH. 4,2 mm*



**BZ-60410 (2x)** Biopsie Löffelgreifzange, oval, gefenstert  
*Biopsy forceps, oval cup, fenestrated* 3,0 mm 1600 mm



**BZ-60570** Luer Lock Teflon Löffelgreifzange, oval, gefenstert  
*Luer Lock teflon forceps, oval cup, fenestrated* 3,0 mm 1600 mm



**BZ-60515** Griff für Biopsie Löffelgreifzange, **langer** Griff  
*Handle for biopsy forceps, long handle*



**BZ-61010** Fremdkörper Alligator Greifzange  
*Foreign body alligator forceps* 3,0 mm 1600 mm



**BZ-61475** Nadel, Metall, LL Verbindung, 0,9 x 6 mm  
*Needles, metal, LL connection, 0,9 x 6 mm* 2,3 mm 1600 mm



**BZ-61305** Biopsie Bürste 7 mm für 3,7 mm Kanal  
*Biopsy brush 7 mm for 3,7 mm channel* 1,8 mm 1600 mm

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