

3-CMOS-Chip FULL HD Camera

ENDO FOCUS 300M

This 3-CMOS-chip ultra-high sensitive endoscopic camera **ENDO FOCUS 300M** provides a FULL HD video output. It is the top of the range on the market. The console is equipped with digital DVI output, zoom, freeze function and OSD.

The light and ergonomic camera head facilitates the performance of surgical endoscopic procedures.



- FULL HD resolution
- High-speed Shutter
- 3 user settings
- Remote Camera Head
- On-screen menu
- 2.5x digital zoom
- freeze function
- Image & video capture and recording
- Full HD USB recorder

ENDO FOCUS 300M

EndoMed Systems Camera

Item No.	Description
800150	ENDO FOCUS 300M, 3-CMOS chip FULL HD, with USB storage and Remote Camera Head
800151	Remote Camera Head for ENDO FOCUS 300M

3-CMOS-Chip FULL HD Camera

ENDO FOCUS^{300M}
Technical Specifications

Device	ENDO FOCUS ^{300M}
Dimensions (WxHxD)	360 x 125 x 351 mm
Weight	approx. 4.5 Kg
Power Supply	100-240 V AC, 50-60 Hz
Fuses	2 fine fuses, 5 x 20 mm, T3.15 A
Power Consumption	20 VA
Camera	
Image Resolution	FULL HD 1920 x 1080
TV Resolution	> 1000 lines
Sensitivity	< 3 lux (1/1.4)
White Balance	Automatic white balance with Shutter speed: 1/50 (1/60) to 1/100.000 sec
Safety Class	Protection class: I Application part: Type BF
CE Standard	Classification acc. 93/42/EEC: I EN ISO 13485 93/42/EEC IEC 601-1, EN 60601-1C
Features	White balance, boost function, on-screen-menu, 3 user settings storable, 2.5 digital zoom, freeze function, character generator, image capture, video capture
Video System	
Camera Head	Aspect ratio: 16:9
Image Sensor	3-CMOS Immersible (using the attached cap)
Video out terminal	2x HD SDI 1x HDMI / DVI 1x Y-Pb-Pr (Component) 1x Y/C (PAL / NTSC) 1x CVBS (PAL / NTSC)
Other connections	1 x USB (A) (USB-keyboard) 1 x Remote IN (footswitch) 2 x Remote OUT (video printer, video recorder,...) 2 x RJ45 (Service)
Delivery contains	CCU, camera head with 3,25 m cable, mains cable, Y/C cable, BNC cable, HDMI - DVI cable, HDMI cable, user manual
Options	
Optional Accessories	Waterproof keyboard, Footswitch
Camera Head	
Size	d= 38.5mm; l= 81mm
Weight	approx. 145 g
Features	With Push buttons
Environmental Conditions	
Temperature (Operation)	+10°C to +40°C
Temperature (Storage)	-20°C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%