



ENDOFLASHER 800 VIDEOENDOSCOPIC PROBES DIAMETER 8 MM

Dedicated to "PC compatible" video recording on USB key, the ENDOFLASHER 800 incorporates a comfortable 5 inch viewing screen, integrated LED lighting and a real-time processor with super sensitivity capabilities. ENDOFLASHER 800 loaded with the 3DSIZER option and fitted with distal stereo tips enable high precision, three-dimensional in situ measurements.

- Diameter 8 mm
- Up to 8 M lengths
- Orbital tip articulation by joystick
- Axial and lateral interchangeable tips with standard or stereo viewing

- 5 inch VGA screen
- Real-time JPEG and MPEG4 audio-video recording
- Comparison measurement function
- Integrated LED lighting
- Video processor with variable zoom and low speed auto shutter
- Distal temperature alarm
- Impregnated tungsten braiding
- Universal thread mount
- Molded reinforced polycarbonate body
- 2 meters removable umbilical cable
- AC or battery powering
- Option : 3DSIZER function for three-dimensional stereo measurement

Equipment complies to standards CE




ISO 13485 : 2003 ISO 9001 : 2008

ENDOFLASHER 800 VIDEOENDOSCOPIC PROBES DIAMETER 8 MM

ENDOFLASHER 800			
DIAMETER	REFERENCE	WORKING LENGTH	TIP ARTICULATION
8.4 mm	HSD-80-A2-200-S8	200 cm	150° orbital tip articulation
	HSD-80-A2-300-S8	300 cm	
	HSD-80-A2-450-S8	450 cm	120° orbital tip articulation
	HSD-80-A2-600-S8	600 cm	
	HSD-80-A2-800-S8	800 cm	90° orbital tip articulation

ENDOFLASHER 800 3DSIZER			
DIAMETER	REFERENCE	WORKING LENGTH	TIP ARTICULATION
8.4 mm	HMD-80-A2-200-S8	200 cm	150° orbital tip articulation
	HMD-80-A2-300-S8	300 cm	
	HMD-80-A2-450-S8	450 cm	120° orbital tip articulation
	HMD-80-A2-600-S8	600 cm	
	HMD-80-A2-800-S8	800 cm	90° orbital tip articulation

INTERCHANGEABLE TIPS FOR ENDOFLASHER 800 VIDEOENDOSCOPIC PROBES Ø 8 MM

PROBE Ø	TYPE	VIEWING	FOV	REFERENCE	FOCUSING	NUMBER		
8.4 mm	Standard	Axial	20°	TV80-A20-M54	50 cm to infinite	A81		
			50°	TV80-A50-Y61	100 mm to infinite	A82		
			80°	TV80-A50-V98	50 mm to infinite	A83		
			120°	TV80-A80-P93 (1)	25 mm to infinite	A84		
		Lateral	50°	TV80-L50-Y61	100 mm to infinite	L81		
			80°	TV80-L80-P93	25 mm to infinite	L82		
	Stereo measurement	Axial	50°/50°	120°	TV80-L120-H66	5 mm to 200 mm		A85
				50°	TV80-SA50-F123	5 mm to 80 mm		S81
		Lateral		80°	TV80-L80-P93	25 mm to infinite		L82
				120°	TV80-L120-H66	4 mm to 200 mm	L83	
				TV80-SA50-F123	5 mm to 80 mm	S81		
				TV80-SL50-F123	5 mm to 80 mm	S82		

(1) Tip supplied with each probe diameter 8 mm

IMAGE PROCESSING FUNCTIONS

DIRECT FUNCTIONS

- Fixed image or motion video recording
- Thumbnail or full screen image review, tip articulation, variable zoom, super sensibility, image freeze

STANDARD PROGRAMMED FUNCTIONS

- Comparison measurement
- Circle gauge
- Title input by virtual keyboard
- Arrow annotation management
- Split screen
- Video settings

OPTION 3DSIZER PROGRAMMED FUNCTIONS

- Three-dimensional stereo measurement modes: length, depth, point to line, multi-segment lengths, perimeter, area

ON-SCREEN INDICATIONS

- Zoom, super sensitivity, motion video recording, distal temperature alarm
- Date/time, title, operating instructions, arrows, measurement results



Menu



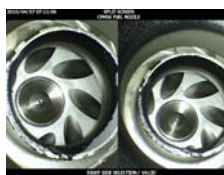
Virtual keypad



3D stereo measurement



Video settings



Split screen



Thumbnail playback

TECHNICAL FEATURES

SERIES

Vocation

Working diameter
Working length
Tip articulation
Probe sheathing
Screen
Pixels number image sensor
Autoshutter
Autoshutter reference point
White balance
Image analysis surfaces
Blue level adjustment
Red level adjustment
Variable zoom
Recording formats

Menu text languages

Recording support
Audio headset connection
Video output
Handle weight
Probe weight (Lg 2 meters)
Maximum operating temperature (in air):
Working length 100°C
Other parts 40°C

ENDOFLASHER 800

Industrial endoscopy

8.4 mm
Up to 8 meters
150° orbital tip articulation
Impregnated tungsten
5 inch
470 000
1/100 000 to 2 s
15 positions
Auto-lock
Full/Spot
15 positions
15 positions
Maximum by 3
JPEG images
MPEG4 sequences
AVI audio
French, English, German, Italian
Portuguese, Spanish, Polish
USB key
2 jacks 3.50 mm
VGA connector
About 1,950 Kg
About 2,420 Kg

ACCESSORIES

NiMH battery power pack ref. **PW800-07** (about 2H45 of autonomy)
Fast battery charger ref. **CR800-02**
Cable with cigarette lighter adapter for 12V connection ref. **CB800-01**
AC power supply ref. **S800-02**
Audio headset ref. **MC800**
IATA transport case ref. **VA-800F**
Rigid guide tubes diameter 10 mm
Centering devices diameters 15, 38 and 76 mm
Test block ref. **BTS-80**

OTHER MODELS AVAILABLE

ENDOFLASHER 800 videoendoscopic probes of diameters 4, 5, 6 and 6 mm with internal working channel.

EFER reserves the right to modify product specifications without notice