



ENDOFLASHER 800 VIDEOENDOSCOPIC PROBES DIAMETER 5 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 5 mm
- Up to 3 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

ENDOFLASHER 800 VIDEOENDOSCOPIC PROBES DIAMETER 5 MM

ENDOFLASHER 800				ENDOFLASHER 800 3DSIZER			
DIAMETER	REFERENCE	WORKING LENGTH	TIP ARTICULATION	DIAMETER	REFERENCE	WORKING LENGTH	TIP ARTICULATION
5.0 mm	HSD-50-A2-200-S8	200 cm	150° orbital tip articulation	5.0 mm	HMD-50-A2-200-S8	200 cm	150° orbital tip articulation
	HSD-50-A2-300-S8	300 cm			HMD-50-A2-300-S8	300 cm	

INTERCHANGEABLE TIPS FOR ENDOFLASHER 800 VIDEOENDOSCOPIC PROBES Ø 5 MM

PROBE Ø	TYPE	VIEWING	FOV	REFERENCE	FOCUSING	NUMBER		
5.0 mm	Standard	Axial	50°	TV50-A50-Y41	100 mm to infinite	A51		
				TV50-A50-V82	45 mm to infinite	A52		
				TV50-A50-K164	12 mm to 200 mm	A53		
			80°	TV50-A80-N82 (1)	20 mm to infinite	A54		
				TV50-A80-E164	3 mm to 20 mm	A55		
				100°	TV50-A100-F106	5 mm to 120 mm		A56
				120°	TV50-A120-F70	4 mm to 190 mm		A57
		Lateral	50°	TV50-L50-V82	45 mm to infinite	L51		
				TV50-L50-K164	9 mm to 200 mm	L52		
				80°	TV50-L80-D164	1 mm to 20 mm		L53
			TV50-L80-N82	20 mm to infinite	L54			
			100°	TV50-L100-F106	4 mm to 120 mm	L55		
			Stereo measurement	Axial	50°/50°	TV50-SA40-F98		5 mm to 45 mm
		Lateral		TV50-SL40-F98		4 mm to 45 mm		S52

(1) Tip supplied with each probe diameter 5 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

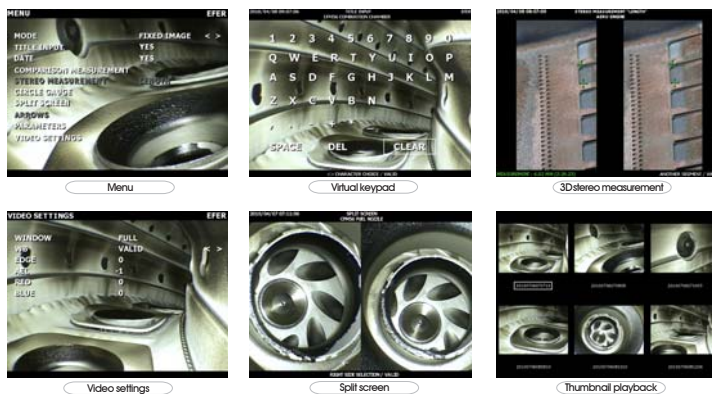
- Comparison measurement
- Circle gauge
- Title input by virtual keyboard
- Arrow annotation management
- Split screen
- Video settings

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



TECHNICAL FEATURES

SERIES

Vocation

Working diameter
Working length
Tip articulation
Probe sheathing
Tip max temperature
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)

ENDOFLASHER 800 Industrial endoscopy

5 mm
Up to 3 meters
150° orbital tip articulation
Impregnated tungsten
80°
5 inch
320 000
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
USB key
2 jacks 3.50 mm
VGA connector
About 1,950 Kg
About 2,420 Kg

ACCESSOIRES

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 6 mm
Flexible guide tube diameter 12,7 mm
Test block ref. **BTS-50**

OTHER MODELS AVAILABLE

ENDOFLASHER 800 videoendoscopic probes of diameters 4, 6, 8 and 6 mm with internal working channel.

EFER reserves the right to modify product specifications without notice