EFER ENDOSCOPY

Product Data

ALLGLASS 800 VIDEOENDOSCOPIC PROBES

Articulating probes with 7 inch full touch-screen interface, integrated LED lighting and loaded with 3DSIZER software enabling high precision, three-dimensional in situ measurements using stereo viewing interchangeable tips.

- Diameter 4 mm, up to 3 M length
- Diameter 6 mm, up to 8 M length
- Axial and lateral interchangeable tips with standard or stereo viewing
- Orbital tip articulation with auto-speed regulation
- 7 inch VGA touch-screen
- Video processor with variable zoom and low speed auto shutter
- Distal temperature alarm
- Real-time JPEG and MPEG4 audio-video recording
- Integrated image processing device to manage several operational procedures, in particular «stereo» and «comparison measurements
- Touch-screen controls automatically configured to operational phase
- Touch-screen controls for tip articulation, video functions adjustments, management of image processing and recording functions
- Probe connections : audio headset, VGA output, USB key
- Umbilical connection : AC or battery powering

Equipment complies to standards CE

ISO 13485:2003 ISO 9001:2008

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ALLGLASS 800 VIDEOENDOSCOPIC PROBES

ALLGLASS 800 DIAMETER 4 MM			
DIAMETER	REFERENCE	WORKING LENGTH	TIP ARTICULATION
4.0 mm	GMD-40-A2-200-S8	200 cm	150° orbital tip articulation
	GMD-40-A2-300-S8	300 cm	

ALLGLASS 800 DIAMETER 6 MM			
DIAMETER	REFERENCE	WORKING LENGTH	TIP ARTICULATION
6.0 mm	GMD-60-A2-200-S8	200 cm	150° orbital tip articulation
	GMD-60-A2-300-S8	300 cm	
	GMD-60-A2-600-S8	600 cm	120° orbital tip articulation
	GMD-60-A2-800-S8	800 cm	90° orbital tip articulation

INTERCHANGEABLE TIPS FOR ALLGLASS 800 VIDEOENDOSCOPIC PROBES DIAMETER 4 MM

PROBE Ø	TYPE	VIEWING	FOV	REFERENCE	FOCUSING	CODE
4.0 mm	Standard	Axial	80°	TV40-A80 (1)	6 mm to 80 mm	A40
		Lateral	80°	TV40-L80	4 mm to 80 mm	L40
	Stereo measurement	Axial	40°/40°	TV40-SA40	5 mm to 45 mm	S41
		Lateral	40°/40°	TV40-SL40	4 mm to 45 mm	S42

(1) Tip supplied with each probe diameter 4 mm

INTERCHANGEABLE TIPS FOR ALLGLASS 800 VIDEOENDOSCOPIC PROBES DIAMETER 6 MM

PROBE Ø	TYPE	VIEWING	FOV	REFERENCE	FOCUSING	CODE
6.0 mm	Standard	Axial	50°	TV60B-A50-Y41	100 mm to infinite	A61
				TV60B-A50-V82	50 mm to infinite	A62
				TV60B-A50-K164	12 mm to infinite	A63
			80°	TV60B-A80-N82 (2)	20 mm to infinite	A64
				TV60B-A80-E164	3 mm to 20 mm	A65
			100°	TV60B-A100-F106	5 mm to 120 mm	A66
			120°	TV60B-A120-F70	4 mm to 190 mm	A67
		Lateral	50°	TV60B-L50-V82	45 mm to infinite	L61
				TV60B-L50-K164	9 mm to 200 mm	L62
			80°	TV60B-L80-D164	1 mm to 20 mm	L63
				TV60B-L80-N82	20 mm to infinite	L64
			100°	TV60B-L100-F106	4 mm to 120 mm	L65
	Stereo measurement	Axial	50°/50°	TV60B-SA50-F98	5 mm to 80 mm	S61
		Lateral		TV60B-SL50-F98	2 mm to 80 mm	S62
		Axial		TV60B-SA50-N62	20 mm to infinite	S63
		Lateral		TV60B-SL50-N62		S64

(2) Tip supplied with each probe diameter 6 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

3DSIZER PROGRAMMED FUNCTIONS

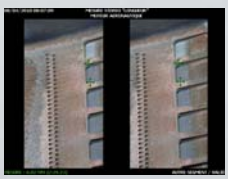
- Three-dimensional stereo measurement modes: length, depth, point to line, multi-segments lengths, perimeter, area

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	**ALLGLASS 800**
Vocation	**Industrial endoscopy**
Tip articulation	150° orbital tip articulation
Probe sheathing	Impregnated tungsten
Screen	7 inch touch-screen
Pixels number image sensor	Ø 4mm : 320 000/Ø 6mm : 470 000
Autoshutter	1/100 000 to 2 s automatic
Autoshutter reference point	15 positions
White balance	Auto-lock
Image analysis surfaces	Full/Spot
Blue level adjustments	15 positions
Red level adjustments	15 positions
Variable zoom	Maximum by 3
Recording formats	JPEG images, MPEG4 sequences, AVI audio
Menu text languages	French, English, German, Italian, Portuguese, Spanish, Polish
Recording support	USB key
Audio headset connection	2 jacks 3.50 mm
Video output	VGA connector
Handle weight	About 1.890 Kg
Probe weight (Lg 2 meters)	About 2.100 Kg

ACCESSORIES

NiMH battery power pack Ref. **PW800-07**(about 2h45 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 Ø 8 mm (probe Ø 6mm) & Ø 5 mm (probe Ø 4mm)
Flexible guide tube diameter 12.7 mm (for probe Ø 6 mm)
Centering devices diameters 15, 38 & 76 mm (for probe Ø 6 mm)
Test blocks Ref. **BTS-40** (Ø 4 mm), **BTS-60** (Ø 6 mm)

EFER reserves the right to modify product specifications without notice