

NEW

Product Data



LONGRANGE 600 VIDEOENDOSCOPIC PROBES DIAMETERS 4, 5, 6, 8 & 12 MM

- 4, 5, 6, 8 AND 12 MM DIAMETERS
- UP TO 30 M LENGTHS
- AXIAL VIEWING
- LATERAL VIEWING BY INTERCHANGEABLE OPTICAL TIPS
- POLYURETHANE SHEATH OR TUNGSTEN BRAIDING DEPENDING ON THE MODELS
- DIGITAL TECHNOLOGY VIDEO PROCESSOR
- AUTOMATED MANAGEMENT OF VIDEO PARAMETERS OPTIMIZATION
- HIGH RESOLUTION AND SENSITIVITY COLOR CCD CHIP
- HIGH LUMINOSITY AND LARGE FIELD OF VIEW OBJECTIVE LENS
- HIGH LUMINOSITY LIGHTING BUNDLE
- 2 M LENGTH UMBILICAL CABLE
- 6.4" LCD SCREEN AUXILIARY VIDEO MONITOR (OPTIONAL)

- INTERCHANGEABLE LIGHT SOURCE CONNECTORS ENABLING COMPATIBILITY WITH ALL BRANDS OF LIGHT SOURCES
- INTERFACE : TIVE 600 IMAGE PROCESSING MODULE, VSU 600 IMAGE STORAGE MODULE OR M600 AUXILIARY MONITOR CONNECTION / VIDEO OUTPUT / 12V POWERING
- WB BUTTON : VIDEO PROCESSOR INITIALIZATION ACCORDING TO COLOR TEMPERATURE OF LIGHT SOURCE USED
- AE BUTTON/LIGHT INDICATOR : AUTOSHUTTER ACTIVATION

LONGRANGE 600 VIDEOSCOPIIC PROBES OF 4, 5, 6, 8 AND 12 MM DIAMETERS

DIAMETER	REFERENCE	WORKING LENGTH	SHEATHING	FOCUSING	DIRECTION OF VIEW	FIELD OF VIEW
4,00 mm	LS-40-A0-150-S6	150 cm	IMPREGNATED TUNGSTEN	6 mm to 80 mm	0°	80°
	LS-40-A0-200-S6	200 cm				
	LS-40-A0-250-S6	250 cm				
	LS-40-A0-300-S6	300 cm				
5,00 mm	LS-50-A0-150-S6	150 cm	IMPREGNATED TUNGSTEN	Adjustable	0°	80°
	LS-50-A0-200-S6	200 cm				
	LS-50-A0-250-S6	250 cm				
	LS-50-A0-300-S6	300 cm				
	LS-50-A0-450-S6	450 cm				
	LS-50-A0-600-S6	600 cm				
	LS-50-A0-750-S6	750 cm				
6,00 mm	LS-60-A0-200-S6	200 cm	IMPREGNATED TUNGSTEN	Adjustable	0°	80°
	LS-60-A0-250-S6	250 cm				
	LS-60-A0-300-S6	300 cm				
	LS-60-A0-450-S6	450 cm				
	LS-60-A0-600-S6	600 cm				
	LS-60-A0-750-S6	750 cm				
	LS-60-A0-1000-S6	1000 cm				
8,40 mm	LS-80-A0-200-S6	200 cm	IMPREGNATED TUNGSTEN	Adjustable	0°	70°
	LS-80-A0-250-S6	250 cm				
	LS-80-A0-300-S6	300 cm				
	LS-80-A0-450-S6	450 cm				
	LS-80-A0-600-S6	600 cm				
	LS-80-A0-750-S6	750 cm				
	LS-80-A0-1000-S6	1000 cm				
	LS-80-A0-1500-S6	1500 cm				
	LS-P80-A0-2000-S6	2000 cm	POLYURETHANE			
12,00 mm	LS-P120-A0-1500-S6	1500 cm	POLYURETHANE	Adjustable	0°	70°
	LS-P120-A0-3000-S6	3000 cm				

INTERCHANGEABLE OPTICAL TIPS FOR LONGRANGE 600 PROBES

PROBE DIAMETER	TYPE	DIR. OF VIEW	FIELD OF VIEW	REFERENCE	FOCUSING
4,00 mm	Standard	Lateral	80°	TC40-M (1)	6 mm to 80 mm
5,00 mm	Standard	Lateral	80°	TC50-M (1)	Adjustable
6,00 mm	Standard	Lateral	80°	TC60-M (1)	Adjustable
8,40 mm	Standard	Lateral	70°	TC80-M (1)	Adjustable
12,00 mm	Standard	Lateral	70°	TC120-M (1)	Adjustable

(1) Viewing by mirror

ACCESSORIES

Light sources :

- 50 W Xenon ORION-600
- 150 W Halogen VEGA-150
- 50 W Xenon Versatile VEGA-400
- 50 W Xenon Self-powered ORION-400
- 180 W Xenon High intensity ORION-800

Connectors for compatibility with other brands of light sources

Image storage module Ref : VSU-600

Image processing module Ref : TIVE-600

230V/ 12V mains adaptor

Auxiliary monitor Ref : M600

2 M length auxiliary monitor connection cable

Carrying cases : "Rack" Ref : VR-600, "cabin" Ref : VA-600, "Basic" Ref : SL-600 and cases for probes with length higher than 7.5 M Ref : SP-600

Rigid guide tubes Ø 5, 6, 8 and 10 mm

Flexible guide tube Ø 12,7 mm (probe dia. 6 mm)

Centering devices Ø 15, 38 and 76 mm

SPECIFIC VIDEOSCOPIIC PROBES

Specific sheathing

Specific field of view

Specific lengths

Probe with integral 5 meters length umbilical cable

ADJUSTMENTS AND CONNECTIONS

Interchangeable light source connectors enabling

compatibility with all brands of light sources

Interface : Image processing module TIVE 600, image storage module VSU 600 or auxiliary monitor M600 connection, video output, 12V powering

WB button : video processor initialization according to color temperature of light source used

AE button/light indicator : autofocus activation

TECHNICAL FEATURES

SERIES

Vocation

Video standard

Effective pixels number

Effective pixels number

Auto shutter

White balance

Video output

Umbilical cable

Power supply

Option

LONGRANGE-600

Industrial Endoscopy

Pal

290 000 (probes Ø 4 and 5 mm)

440 000 (probes Ø 6 and 8.4 mm)

From 1/50 to 1/100 000 s

Auto-lock

Composite

Attached 2 meters length

12V 800 mA 230 V mains adaptor

NTSC standard

(Probes Ø 6 and 8.4 mm)

EFER reserves the right to modify product specifications without notice