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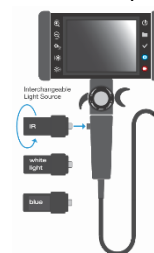
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WG MIL Videoscope



The WG MIL Videoscope is a self-contained endoscope with display screen and fibre manipulating tools. The bright and high-contrast display provides excellent image quality.

It has three interchangeable light sources, IR, white light and a blue light source.



SPECIFICATION

Operating Unit	
Display size:	5.0" (12.7cm) TFT colour
Display resolution:	VGA (640x480 pixel)
Operating system:	Real-time operating system, with on-screen menu
User interface:	Direct action keys / function keys / arrow keys
Languages:	English, German, Polish, French, Spanish, Italian, Turkish
Video interface:	Composite video-out (BNC)
Power supply, primary:	Rechargeable Liion battery (charger and battery are provided in delivery set)
Power supply, secondary:	12V adapter (optional accessory)
Documentation	
Video format:	MPEG4 (.avi) (with time and date stamp)
Image format:	BMP (.bmp) (with time and date stamp)
Storage:	SDHC memory card up to 32GB (FAT32) (8GB provided in delivery)
Camera control	
Image sensor:	Black & White Super-HAD CCD
Image type:	CCIR B/W (291.000 effective Pixel)
Sensitivity	0.005 Lux
Illumination	
Interchangeable Light Source	White light, blue or IR
Light Transmission	Fibreoptic

Image control	
Zoom:	16 step digital zoom
Invert:	Horizontal and vertical image inversion
Brightness:	Adjustable
Contrast:	Adjustable
Text annotation:	Built-in text overlay generator
Probe	
Diameter:	6.0mm
Working length:	3 m
Articulation (bending neck):	4-way / 360° control
Articulation feature:	noiseless and tactile
Articulation angle * L/R U/D:	100°/100° 160°/130°
Integrated objective lens:	90° FOV
DOF:	5 mm to infinity
Braid:	Multi-layer tungsten braid on PU jacket
Construction	
Ergonomics:	± 90° rotatable display unit, alt. ±90° rotatable scope handle
System weight:	1,35Kg
Dimensions:	180mm x 105mm x 45mm
Housing:	Rugged PU, with integrated rubber shock caps
Operating environment	
Tip operating temperature:	-13°F to 284°F [-25°C to +140°C]
System operating temperature:	-13°F to 115°F [-25°C to +46°C]
Storage temperature:	-13°F to 140°F [-25°C to +60°C]
Relative humidity:	95% max. - noncondensing
Carrying Case	550mm x 360mm x 240mm / 6,2kg