



TOP-Line Endoscope

Ø 4.0 / 6.0 / 8.0 mm, Length 1500 / 3000 / 6000 mm
Direction of view 0° , field of view 50°, 90° mirror head

Series Hawkeye® Videoscope

- For industrial continuous operation
- Pictorial documentation as video or picture
- Independent power supply
- Included transport case

The Hawkeye® Videoscope gives you new insights to machinery, equipment and voids without previously disassembling. Simple and without powercable (up to 2.5 hours) you will be able to inspect without major training effort.

Images and video sequences of the analyzed components can be directly stored into the hand held device and transferred to PC later. With the flexible management, the 2- or 4-way actuation and the excellent optics, you can easily use the Videoscope to detect weak points and problem areas in a very early stage to prevent future problems.

The illumination consists by fibre optic and High Power LED Lamp adaptable at shaft.

Features

- Diameter 4.0 / 6.0 / 8.0 mm
- Flexible probe tip actuation
- CMOS sensor chip
- Picture format JPEG (640x480)
- Video format ASF (320x240)
Playback with Windows Media Player
- 3,5" TFT/LCD display
- Interface USB 1.1
- 2 GB SD-card
- Micro LED illumination
- Integrated Lithium rechargeable batteries

Typical applications

- Machine- and motor-manufacturers
- Automotive industry
- Inspection of weld seam
- Aircraft industry
- Casting industry
- Construction industry
- Inspection of power stations
- Heating and clima technics
- For research and design
- Toolmaking.
- Hot channel inspection.

Optic

- CMOS sensor
- Angle of view 50°
- Direction of view 0°
- 90° mirror head

Mechanics

- Hand held control unit (eyepiece) made of metal and ABS resin
- Tough, braided stainless steel sheath
- 4/6 mm diameter with throttle cable for actuating probe tip
- Illumination by high power LED-fibre optic transmission



Applications

Checking weld seam



Burr control



Technical Data

Probe diameter Ø	4mm	6 mm	6 mm	8 mm
Probe length (mm)	1500	1500 / 3000	1500 / 3000 / 6000	1500 / 3000
Flexible probe tip	2-way 130° up/down	4-way, 130° up/down 110° right/left	2-way, 130° up/down	not available
Direction of view	0°			
Field of view	50°			
Focus	15 to 100 mm			
Temperature resistance	-10 °C to + 60 °C			
Sensor	CMOS			
Picture format	JPEG (640x480)			
Video format	ASF (320x240), Playback with Windows Media Player			
Display	3,5" TFT/LCD monitor			
Interface	USB 1.1 / AV output			
Memory	SD Card 2 GB included			
Resolution	300.000 pixel			
Illumination	LED light source with integrated Lithium Accu approx. 2.5 hours			
Suply voltage	5V DC (Lithium battery in processor integrated)			

Ordering Information

Part No.	L=1500: 20751776	L=1500: 20751756	L=1500: 20751749	L=1500: 20751758
		L=3000: 20751757	L=3000: 20751750	L=3000: 20751759
		L=6000: 20751768		

