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Videoscope LongRange System

An easy to use, high resolution, remote imaging system for long-length inspections up to 100 feet



Applications

Aircraft Engines & Turbines
Boiler Tube Inspection
Airframes
Power Generation Equipment

Process Tanks and Vessels
Remote Visual Inspection (RVT)
Tubing and Pipe Inspection
Heat Exchangers & Process Lines

Hydraulic Cylinders
Covert Inspection
Borescope Inspection
Drill Pipe Inspection

Flexible 5.3, 6, 8.4 & 12 mm Probes

Axial viewing, non-articulating tip with adjustable focusing. 1.5, 2, 2.5, 3, 4.5, 6, 7.5, 10, 15, 20, and 30 meter working lengths. Polyurethane sheathing or impregnated tungsten braiding depending on models. High resolution and sensitivity, color CCD chip technology, a high luminosity lighting bundle, and large field of view (80°) objective lens, resulting in bright, clear and crisp images.

Hand-Piece

Rugged all metal construction with 2 meter (6.6 ft) length umbilical cable.

Connector

Interchangeable light source connectors enabling compatibility with most brands of light sources. Interface for auxiliary monitor connection, video output, and 12V DC powering.

Monitor

8" LCD color monitor in metal case, anti-glare coating and active matrix technology for wide viewing angle.

Accessories

Mini digital recorder w/ 7" LCD monitor allows images to be captured on a memory card and easily transferred to PCs for emailing, printing or storage. Interchangeable right angle mirror heads and centering devices are available.



Videoscope LongRange Series System Includes:

- Flexible, non-articulating probe with 80° direct field of view
- Hand-piece with 2 meter (6.6 ft) length umbilical cable
- Rugged 8" LCD color monitor, 12 volt DC power supply and carrying case

(Ultra-Violet (UV) version of the Videoscope LongRange is available - please contact Lenox)

Stock Number	Diameter		Length	
	mm	(inches)	m	(feet)
7E053VL-15080	5.3 mm	(.209 inch)	1.5 m	(4.9 feet)
7E053VL-30080	5.3 mm	(.209 inch)	3 m	(9.8 feet)
7E060VL-20080	6 mm	(.236 inch)	2 m	(6.6 feet)
7E060VL-25080	6 mm	(.236 inch)	2.5 m	(8.2 feet)
7E060VL-30080	6 mm	(.236 inch)	3 m	(9.8 feet)
7E060VL-45080	6 mm	(.236 inch)	4.5 m	(14.8 feet)
7E060VL-60080	6 mm	(.236 inch)	6 m	(19.7 feet)
7E060VL-75080	6 mm	(.236 inch)	7.5 m	(24.6 feet)
7E060VL-100080	6 mm	(.236 inch)	10 m	(32.8 feet)
7E084VL-20080	8.4 mm	(.330 inch)	2 m	(6.6 feet)
7E084VL-25080	8.4 mm	(.330 inch)	2.5 m	(8.2 feet)
7E084VL-30080	8.4 mm	(.330 inch)	3 m	(9.8 feet)
7E084VL-45080	8.4 mm	(.330 inch)	4.5 m	(14.8 feet)
7E084VL-60080	8.4 mm	(.330 inch)	6 m	(19.7 feet)
7E084VL-75080	8.4 mm	(.330 inch)	7.5 m	(24.6 feet)
7E084VL-100080	8.4 mm	(.330 inch)	10 m	(32.8 feet)
7E084VL-150080	8.4 mm	(.330 inch)	15 m	(49.2 feet)
7E084VL-200080	8.4 mm	(.330 inch)	20 m	(65.6 feet)
7E120VL-150080	12 mm	(.472 inch)	15 m	(49.2 feet)
7E120VL-300080	12 mm	(.472 inch)	30 m	(98.4 feet)

Requires a light source (see Optional Accessories)

(Use "P" at the end of the stock number to designate PAL video format)

Optional Interchangeable Optical Tips

Stock Number	Description	Focusing
7E053MR	Right Angle Mirror Head for 5.3 mm	Adjustable
7E060MR	Right Angle Mirror Head for 6 mm	Adjustable
7E084MR	Right Angle Mirror Head for 8.4 mm	Adjustable
7E120MR	Right Angle Mirror Head for 12 mm	Adjustable

Optional Accessories

Stock Number	Description
3000LS-150	Light Source, 120 volt, 50 / 60 Hz, 150 watt
515-0186	Mini Digital Recorder w/ 7" LCD