Waygate Technologies

XL Flex Video Borescope System (6.1mm x 8.0m)

Pine Item #52390

DESCRIPTION:

The XL Flex and XL Flex+ VideoProbes provide unmatched image quality and powerful light output to boost the probability of detection (POD) and speed up workflow. Rugged durability lowers your maintenance costs. Stereo measurement lets you evaluate defects in depth. And expert support from Waygate Technologies gives you peace of mind. All in a lightweight, portable, and easy-to-use device.

FEATURES:

- Learn quickly. The intuitive interface includes Menu Directed Inspection (MDI) 2.0, an application to guide users through inspections and organize results for simpler reporting
- Get accurate results, fast. Complete efficient, precise inspections with unmatched image quality, plus a 5" LCD screen on the XL Flex+.
- Believe it when you see it. Reduce eyestrain with powerful light output and a 3X brighter display in the XL Flex+.
- Evaluate defects in depth. Stereo measurement provides accurate analysis as you work.

APPLICATIONS:

- Aviation - Gas turbine engine inspection, Compressor, Combustion, Chamber, Turbine
- Power Generation - Hydroelectric, Wind, Thermal, Nuclear
- Automotive
- Oil, Gas, and Chemical
- Security

Handset holder below handset (optional)

4 hour battery (optional)

Magic clamp and swivel ball (optional)

Tube gripper (optional)

Battery charger, AC adapter

Integrated insertion tube storage reel

Contact a Pine branch near you to request a quote or place an order
VISIT OUR U.S. AND CANADA WEBSITES TO FIND A BRANCH NEAR YOU

United States

www.pine-environmental.com

Canada

www.pine-environmental.ca

Operating Environment

Tip operating temp:	-25°C to 100°C (-13°F to 212°F) Reduced articulation below 0°C (32°F)
System operating temp:	-20°C to 46°C (-4°F to 115°F) LCD requires warm-up period below 0°C (32°F)
Storage temperature:	-25°C to 60°C (-13°F to 140°F)
Relative humidity:	95% max, non-condensing
Waterproof:	Insertion tube and tip to 14.7 psi (1 bar, 10.2 m of H_2O, 33.5 ft of H_2O)
Environmental:	XL Flex: Tested to IP55 XL Flex+: Tested to IP65

System

Wheeled case:	54.9 x 34.6 x 23.6cm (21.61 x 13.62 x 29)
System weight:	**In case:** XL Flex: 6.50 kg (14.30 lb) XL Flex+: 8.39 kg (18.5 lb) **Without case:** XL Flex: 1.73 kg (3.8 lb) XL Flex+: 1.98 kg (4.37 lb)
Power (Lithium Ion battery)	8.4 V, 38 Wh (2 hour) 8.4 V, 75 Wh (4 hour)
Power supply:	AC Input: 100-240 VAC, 50-60 Hz, 1.5 A Max DC Output: 9.5 V, 6.0 A
Construction:	Polycarbonate housings with integrated Versalon™(JP) bumpers
Dimensions:	9.53 x 13.34 x 34.29 cm (3.75 x 5.25 x 13.50 in)
LCD monitor:	**XL Flex:** Integrated transflective 9.40 cm (3.70 in) active matrix VGA color LCD with XpertBright, 640 x 480 resolution. **XL Flex+:** Integrated 12.7 cm (5.0) active matrix. VGA color LCD, Transmissive display.
Joystick control:	360° All-Way tip articulation with XpertSteer, bump gesture, menu access and navigation
Button set:	Access user functions, measurement and digital functions
Audio:	Integrated 2.5 mm headset/microphone jack
Internal memory:	XL Flex: 4 GB Flash memory XL Flex+: 16 GB Flash memory
Data I/O ports:	Two USB® 2.0 ports
Video port:	VGA Video Out
Brightness control:	Auto and Variable
Illumination type:	White LED
Long exposure:	Via auto and manual mode
White balance:	Factory default or user defined

Camera

4.0 mm (0.157 in) diameter probes	**Image sensor:** 1/10 inch Color SUPER HAD CCD camera **Pixel count:** 290,000 pixels **Housing:** Titanium

Camera

6.1 mm (0.242 in) and 8.4 mm (0.331 in) diameter probes	**Image sensor:** 1/6 inch Color SUPER HAD™ CCD camera **Pixel count:** 440,000 pixels **Housing:** Titanium

Software

Operating system:	Real-time multi-tasking operating system
User interface:	Simple drop-down menu-driven operation Menu navigation using articulation joystick
File manager:	Embedded file manager software supporting: File & Folder creation, naming, deleting Store to internal Flash (C:\) or USB ThumbDrive Copy between USB and C:\
Measurements:	StereoProbe and Comparison
MDI software (optional):	Provides user defined guided inspection Creates DICONDE compatible inspection files Creates MS Word® compatible inspection reports
Audio data:	PC compatible (.AAC) file format
Image control:	Invert, Zoom (5X digital) Image Capture and Recall
Digital zoom:	Continuous (5.0X)
Image formats:	Bitmap (.BMP), JPEG (.JPG)
Video format:	MPEG 4
Text annotation:	Built-in full screen text overlay generator Supports international language character sets 100 text line capacity
Graphic annotation:	User placement of arrows
Articulation control:	"Steer & Stay" articulation lock/fine articulation Tip "Home" return to neutral forward-tip orientation Userselectable fine or coarse control XpertSteer probe articulation offers quick steering responsiveness for tight probe control – bump steering enables slight adjustments to probe position
Software updates:	Field updateable via USB ThumbDrive
Languages:	English, Spanish, French, German, Italian, Russian, Japanese, Korean, Portuguese, Chinese, Polish

Video:
https://youtu.be/k-ibUF1vZ-po

Local Delivery Pick-up

In-Stock Equipment

Repair & Calibration

Rental Protection Plan