

6.2 mm XL Go+™ VideoProbe® with Working Channel

Inspection Technologies

See more easily

The 6.2 mm diameter XL Go+ VideoProbe system features an internal working channel and a full suite of working tools, making it the most complete FOD retrieval system in the industry.



Packed with Features

Portable, rugged and equipped with features make GE video borescopes the best equipment value in the industry.

- Intuitive, easy-to-use controls
- StereoProbe® and Comparison defect measurement
- Servo motor All-Way® Probe articulation
- Sealed housings for Dust and Water ingress protection to IP55
- Integrated Temperature Warning system
- 4GB Internal Flash memory
- 2 USB® 2.0 ports, VGA video out
- Two- or four-hour Li-Ion battery
- Full tip optic interchangeability with secure double threads
- Custom shipping and storage case included with system

XpertSuite™

XpertSuite complements the Go+'s superior image quality to provide enhanced performance to assist in locating and measuring defects.

- XpertVision™ External Monitor
- XpertBright™ Readable LCDs
- XpertSteer™ Probe Articulation
- XpertLight™ Probe Illumination
- Probe Operating Temperature up to 100°C (212°F)

Image Quality

XL Go+ utilizes high-output LED illumination to display outstanding image quality on its full-VGA LCD. Save clear, accurate still images and motion video to the internal flash memory or removable USB ThumbDrive®.



True Portability

Powered by a long-running lithium ion battery, the XL Go+™ VideoProbe® system provides inspectors unparalleled access without a bulky base unit, tethered scope or power cord. Weighing only 1.77 kg (3.92 lb), the XL Go+ VideoProbe system can easily “go anywhere.”



Menu Directed Inspection (MDI)

MDI software automatically annotates saved images, intelligently names files and creates Microsoft Word® compatible inspection reports.

System and Accessories

The XL Go+™ VideoProbe® system is supplied in a convenient shipping/storage case. The case protects the system when not in use and keeps it organized when in use.

Standard Accessories

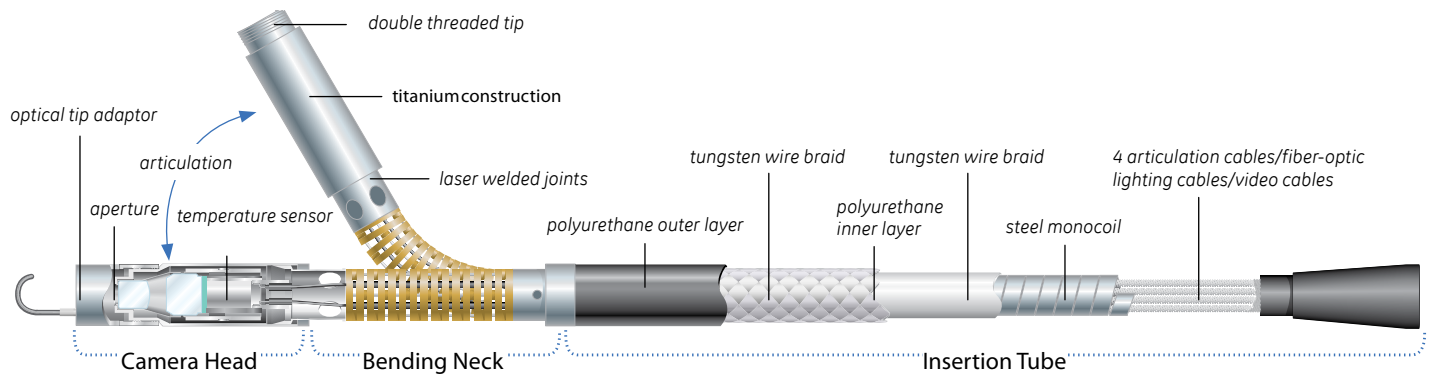
- A:** Operating Manual
- B:** Optical Tip Case
- C:** 8GB ThumbDrive®
- D:** AC Battery Charger
- E:** XL Go+ System with two-hour battery
- F:** Standard Shipping/Storage Case

Optional Accessories

- G:** XpertVision Auxiliary Monitor
- H:** Tube Gripper & Rigidizer
- I:** Mini Magic Mount Kit
- J:** Four-Hour Battery



Superior All-Way® Articulation, Durability and Probe Options



Note: Illustration is not drawn to scale.

CAMERA DIAMETER	INSERTION TUBE WORKING LENGTH
6.2 mm (0.244 in)	3.2 m (10.5 ft)

Technical Specifications

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)
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, 10.2m of H ₂ O, 33.5 ft of H ₂ O)

System

Case Dimensions:	62.5 x 50 x 29.7 cm (24.6 x 19.7 x 11.7 in)
System Weight:	
In Case:	12.83 kg (14.30 lb)
Without Case:	1.77 kg (3.92 lb)
Power:	7.2V, 5100 mAh or 10,200 mAh Battery Pack AC: 90-264 Vac, 47-63Hz, <1.2Arms @90 Vac DC: 10.2V +5/-3%. 4.9A
Construction:	Polycarbonate housings with integrated Versalon™(J/P) bumpers
Dimensions:	9.53 x 13.34 x 34.29 cm (3.75 x 5.25 x 13.50 in)
LCD Monitor:	Integrated transfective 9.40 cm (3.70 in) active matrix VGA color LCD with XpertBright, 640 x 480 resolution
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 2.5mm headset/microphone jack
Internal Memory:	4GB Flash memory
Data I/O Ports:	Two USB® 2.0 ports 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.
XpertVision (optional external monitor):	
Weight:	1.12 kg (2.46 lb) with battery
LCD:	16.25 cm (6.4 in) diagonal active matrix VGA color LCD with XpertBright 640 x 480 pixels
Resolution:	640 x 480 pixels
Sunlight Readable:	1100 Cd/Msqared
Mounting:	75 x 75 mm (1/4-20) and vesa mount
Battery Run Time:	2 hours

Standards Compliance and Classifications

MIL-STD-810G:	United States Department of Defense Environment Tests Sections 506.4, 507.4, 509.4, 510.4, 511.4, 514.5, 516.5, 521.2
MIL-STD-461F:	United States Department of Defense Electromagnetic Interference RS103 and RE102 (Navy above deck)
Standards Compliance:	Group 1, Class A: EN61326-1 UL, IEC, EN CSA-C22.2:61010-1 UN/DOT T1-T8

Camera

6.2 mm (0.24 in) Diameter Probes	
Image Sensor:	1/10 inch Color SUPER HAD™ CCD camera
Pixel Count:	290,000 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 Embedded file manager software supporting: File & Folder creation, naming, deleting Store to internal Flash (C:\) or USB ThumbDrive Copy between USB and C:\ StereoProbe®
File Manager:	Provides user defined guided inspection Creates DICONDE compatible inspection files Creates MS Word™ compatible inspection reports PC compatible (.AAC) file format Invert, Zoom (5X digital) Image Capture and Recall Continuous (5.0X) Bitmap (.BMP), JPEG (.JPG) MPEG 4
Measurements:	
MDI Software (optional):	
Audio Data:	
Image Control:	
Digital Zoom:	
Image Formats:	
Video Format:	
Text Annotation:	
Graphic Annotation:	
Articulation Control:	Built-in full screen text overlay generator User placement of arrows "Steer & Stay" articulation lock/fine articulation Tip "Home" return to neutral forward-tip orientation User-selectable fine or coarse control Field updateable via USB ThumbDrive
Software Updates:	English, Spanish, French, German, Italian, Russian, Japanese, Korean, Brazilian Portuguese, Chinese, Polish
Languages:	

Tip Articulation

Insertion Tube Length	Straight Tube
3.2 m,	Up/Down/Left/Right 160 °

Note: Typical articulation exceeds minimum specifications

Tip/Lens Options

*FOV is specified diagonally.

TIP VIEW	TIP COLOR	FIELD OF VIEW (FOV)*	DEPTH OF FIELD (DOF)	6.2 mm Ø PROBE TIP PART NUMBER
Standard Tip Optics				
FORWARD	NONE <input checked="" type="checkbox"/>	40°	100 mm (3.94 in.) – infinity	PXT6240FF
FORWARD	YELLOW <input type="checkbox"/>	120°	25 mm (0.98 in.) – infinity	PXT62120FF
FORWARD	BLACK <input type="checkbox"/>	120°	4 – 190 mm (0.16 – 7.48 in.)	PXT62120FN
SIDE	GREEN <input type="checkbox"/>	80°	18 mm (0.71 in.) – infinity	PXT6280SF
SIDE	BLUE <input type="checkbox"/>	120°	5 mm (0.20 in.) – infinity	PXT62120SN
StereoProbe® Measurement Tip Optics				
FORWARD	BLACK <input type="checkbox"/>	60°/60°	4 mm (0.16 in.) – 80 mm (3.15 in.)	PXTM62606FG
SIDE	BLUE <input type="checkbox"/>	60°/60°	4 mm (0.16 in.) – 80 mm (3.15 in.)	PXTM626060SG



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