

BOREXPert X3 3D PIPE INSPECTION CAMERA

REDEFINING PIPELINE VISIBILITY

The Stellar Instruments BoreXpert X3 Series is an advanced 3D measurement industrial videoscope designed for precise visual inspection and dimensional measurement in hard-to-reach areas. It combines high-resolution endoscope imaging with 3D measurement technology, making it an ideal solution for maintenance, quality control, and inspection teams working in confined spaces or harsh industrial environments.

The BoreXpert X3 Series features a portable and multifunctional design with a user-friendly handle, smooth 360° articulation, image and video capture, data storage, adjustable brightness, and accurate 3D measurement capability. Its powerful LED illumination ensures clear visibility in dark inspection areas, while the high-performance CMOS sensor delivers sharp, detailed, and true-color images.

With its rugged construction and advanced inspection functions, the BoreXpert X3 Series is suitable for applications in aviation, power generation, automotive, manufacturing, oil and gas, and general industrial maintenance.

FEATURES

- Articulating borescope by electronic magnetic rocker
- 8" IPS HD Touch LCD screen
- 3D measurement function
- 8-12 seconds to reconstruct 3D image
- Unique interchangeable camera and tube
- High-resolution videoscope with 2MP option
- Interchangeable camera -forward, side view camera
- Stand structure design, for long-term use

TECHNICAL SPECIFICATION

Display screen	8" IPS HD Touch LCD screen
Screen resolution	1024 x 768
Camera Resolution	4mm : 720x720
	6mm : 1920x1080
Depth of Field	4mm : 3 - 50mm
	6mm : 8 - 150mm
Zooming in	Zoom in/out(1.0X-1.5X,5 steps)
Color Setting	4 modes for different applications
Memory	32G
Data I/O port	SD card, HDMI port
Battery	Four 18650 Lithium batteries
Standby time	4h
Dimension	246 x 321 x 123mm
Weight	2.3kg

Control Lever
Electric rocker with lens able to rotate in 360-degree, automatic set, direction fine tuning adjustable

Brightness control
10 degrees each for high and low brightness adjustment,

File management
Support image and video play, delete, format memo and naming

3D measurement
The system can accurately measure the size of defects through point-to-point, point-to-line, point-to-surface, area measurement etc

Insertion Tube
The insertion tube is braided with four layers of tungsten wire, wear-resistant, anti-corrosion, and IP67 protection level

ARTICLE

X314	1M, 4.0mm Dia
X334	3M, 4.0mm Dia
X316	1M, 6.0mm Dia
X326	2M, 6.0mm Dia
X336	3M, 6.0mm Dia



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