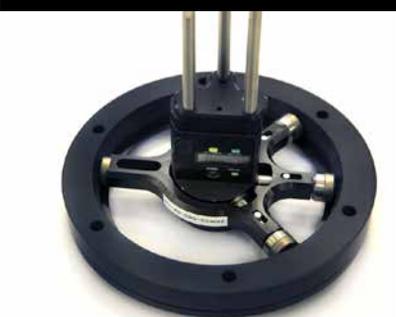


Video Borescope & Bore Measurement Accessory



**Bore Measurement Head
With 155mm Adapter**



**Borescope Camera Head
Front and Side Camera Detail**



**Bore Measurement Head
Mounted to Borescope**



Large Equipment Case

Large Gun and Mortar Video Borescope

For 57mm to 155mm+ Tubes

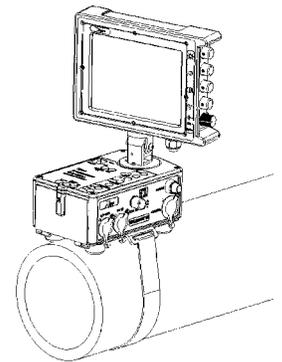
The Zistos Large Gun and Mortar Video Borescope replaces the M3 Borescope, used for artillery tube inspections by US and foreign militaries, for more than 30 years. The dual camera (front and side view) video solution provides a detailed view of the condition inside the artillery tubes. The built-in DVR records video (AVI) and still (JPEG) images for reports and transmission (email, etc.) to technical experts, as needed. This turnkey kit comes complete in a single case. It's waterproof, rugged and field-proven for deployment, where needed.

Data for the tube and inspection location information (angle,

depth, serial number, etc.) are recorded with the images.

A single operator can comfortably perform an inspection in a relatively compact area. The system can be run from a variety of power sources for maximum portability.

The borescope system has been approved for use by the US Army. The system is currently in use by other branches of the US Military as well as foreign militaries.

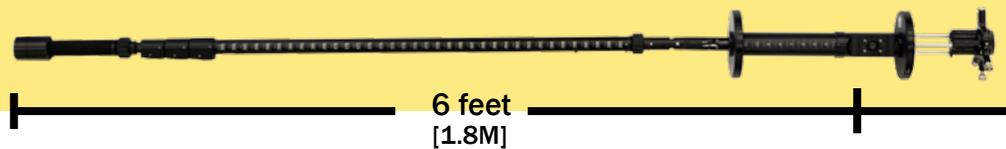


Display Attached to Muzzle

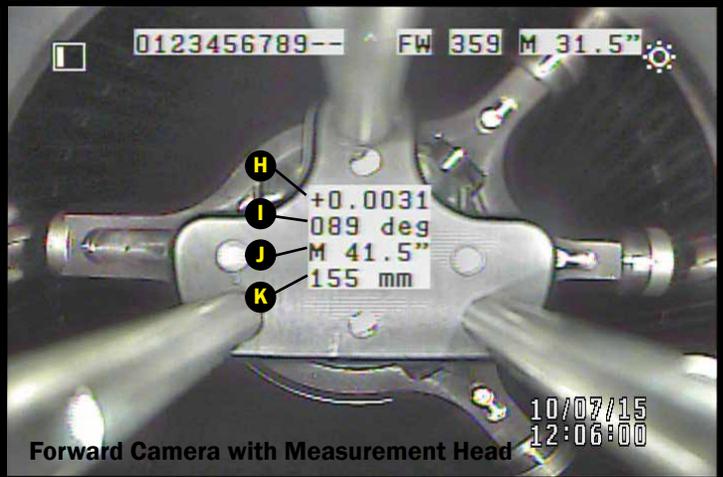
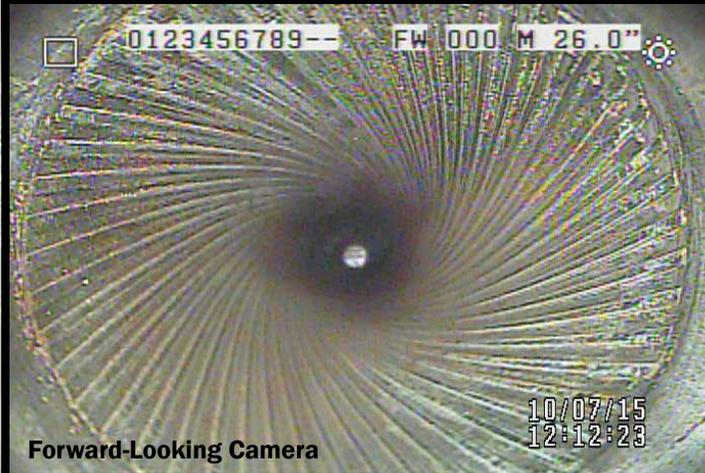


- Inspect 57mm – 155mm+ diameter mortars and cannons
- Side and forward looking cameras with built-in long life LED illumination
- Single person operation: rugged, weather resistant, self-powered system
- 5.6" LCD monitor can be conveniently muzzle-mounted for larger tubes
- Built-in DVR with dedicated one button JPEG and video capture and playback
- Removable SD flash media and USB port for data transfer to thumb and hard drives including FIPS 140-2 encrypted drives
- Digital readout of camera orientation
- Telescoping poles engraved with depth measurement graduations
- Digital grid overlay for determining the size of artifacts and objects
- Internal wiring to camera with internal anti-tangle slip ring interface
- Extend only as much pole length as required - operates in tight spaces
- System can operate on rechargeable batteries, AA lithium batteries, vehicle 12DC, NATO Slave, or 110-240VAC, other power options available
- Compatible with existing 120mm XM12 Bore Erosion Gauge (used with M3 Borescope)
- Wireless automatic Laser Depth Measurement option available
- UV option for Magnetic Particle Inspection available

**SCHEDULE
DEMO
TODAY**



Display Features



A: Battery Status

B: Text Annotation

C: Active Camera (front or side) and Illumination Indicator (White or UV)

D: Side Camera Orientation from Vertical (0-359 degrees)

E: Depth Measurement or Side Camera

F: LEDs on Indication

G: Date/Time of Recording

H: Bore Measurement Reading

I: Measurement Point Orientation

J: Depth of Measurement Point

K: Bore Size

Fully Extends up to 35ft [10.7M]



Digital Bore Measurement System Accessory



Used with the Zistos Video Borescope System, the Digital Bore Measurement accessory replaces Pullover Gauges, STAR Gauge, and other dedicated bore gauges, currently used to measure bore diameters on 57mm through 155mm artillery and mortar tubes.

The Zistos Digital Bore Measurement readings are recorded along with the image of the measurement point, allowing the operator to see exactly what is being measured. Accurate measurements are straightforward to obtain with minimally skilled operators. The same techniques are utilized for all tubes, thus simplifying training, deployment and logistics.

- Add-on accessory for Zistos Video Borescope
- Rugged and weather resistant - designed for field use
- Precisely measures bore diameters to +/-0.001" [+/-0.025mm]
- Measurement head is calibrated with included calibration rings for each bore of interest
- Measurements displayed in real time with measurement location - All data recorded with digital stills/video of measurement point
- 155mm breach stop available for precise and repeatable OOR diameter measurement (41.75")
- Cost-effective replacement for other single use bore measurement tools
- 120mm erosion gauge attachment available (XM12 replacement)

Please contact Zistos for detailed specifications, to review your specific needs, and to arrange for a demonstration on your artillery at your facilities.



Video Borescope Only

Includes: Camera Head Module, Telescoping Pole Modules with internal wiring, Slip Ring module, Quick Change Centering rings, 5.6" LCD Display/DVR Module, rechargeable batteries and charger, AC power supply, shipping case, and specific customer related accessories.



Video Borescope With Measurement Accessory

Includes: Video Borescope Kit items plus Digital Measurement Head, Bore Adapters and Calibration Ring Gauges, 120mm erosion gauge, and other customer specific measurement accessories. *(Measurement accessories can also be supplied in separate case.)*