

WiFi Enabled  
(Optional)

HDMI Out

HD OLED Touch Screen

32GB SD Card and  
USB Connectivity

Video Start-Stop

Joystick-Controlled, 360°  
Camera Articulation

Mini Joysticks For Easy  
Navigation

Ergonomic Pistol Grip Design

Built-in Stylus Holder

Rechargeable Li-ion Battery  
4 Hour Runtime

Detachable Base Plate  
(Magnetic Version Available)

**3D MEASUREMENT**

On-Board Image Processing

2.5X Digital Zoom

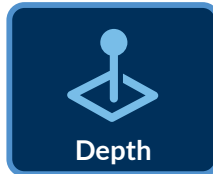
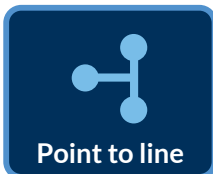
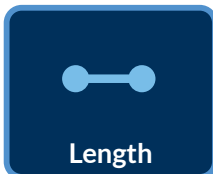
Image Capture Trigger

Tungsten Braided  
IP 67 Insertion Tube

10-Stage LED or Fiber+LED  
Illumination

360° Direct  
Response  
Articulation

Included Stylus



**3D MEASUREMENT  
VJ-4 OVERVIEW**

Designed to enhance inspection accuracy and efficiency. The 3D Measurement VJ-4 Video Borescope allows users to capture precise measurements in real time, enabling more informed maintenance decisions across a range of applications.

**6.0mm**

**3.9mm**

**FV FRONT-VIEW**

**SV SIDE-VIEW**

The new 3D Video Borescope is now available in 6.0mm, 3.9mm, Front-View & Side-View configurations.



## LENGTH

Measures the straight line distance between two points. Ideal for reliable sizing cracks, features, or wear patterns.

### Example Use Cases

- Linear defect lengths (i.e. cracks)
- Characterize the size and location of foreign material inside a confined space or defects on a part
- Assessing size of remaining witness marks
- Tracking wear progression from corrosion, wear, expansion, or erosion

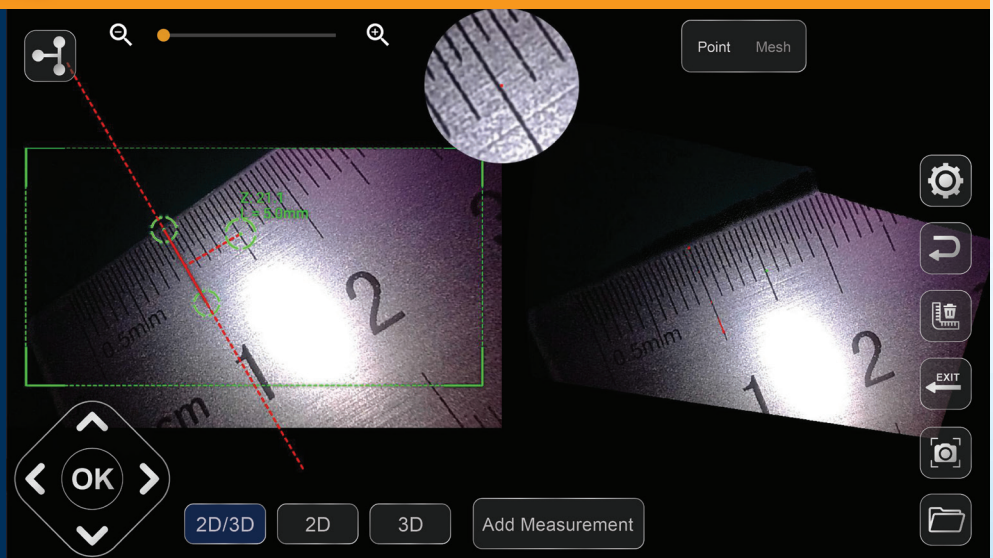


## POINT-TO-LINE

Measures the distance from a line to a selected point. Perfect for blade edge damage, gap width, and weld width. The perpendicular measurement method ensures consistent results even when working on angled or irregular surfaces.

### Example Use Cases

- Width of a discontinuity along a blade edge
- Dimensional span of a gap, groove, or weld profile



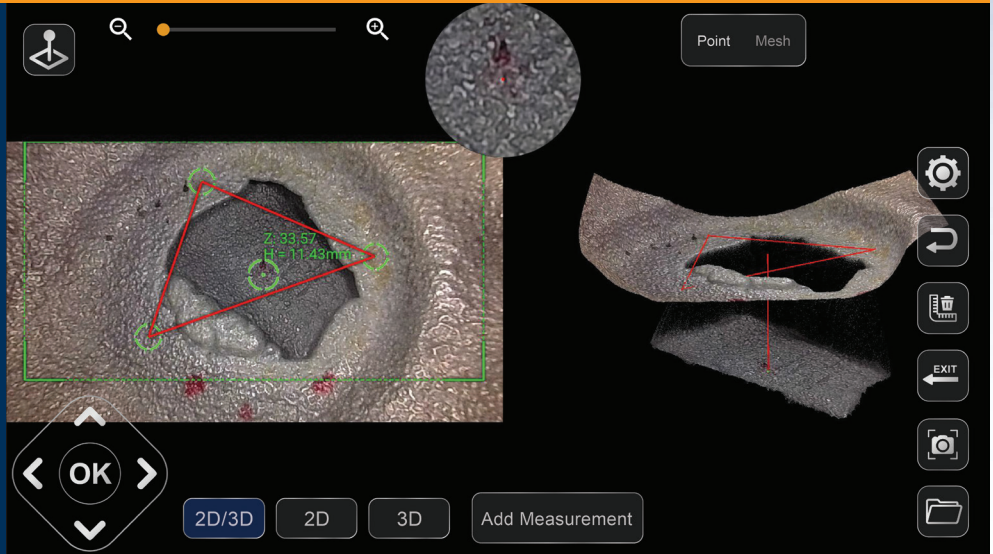


## DEPTH

Measures the distance from a reference plane to a selected point. Whether assessing corrosion, dents, or weld height, depth measurement provides a clear understanding of how far a feature extends above or below a reference surface.

### Example Use Cases

- Depth of an isolated corrosion or erosion pit
- Extent of FOD impact damage on a component surface
- Height deviation of a weld crown or wear groove



## MULTI-SEGMENT

Calculates the total length along an irregular path. By placing multiple cursors along the feature of interest, this tool measures the true geometry of any discontinuity that changes direction.

### Example Use Cases

- Total length of irregular surface
- Total length of a jagged crack



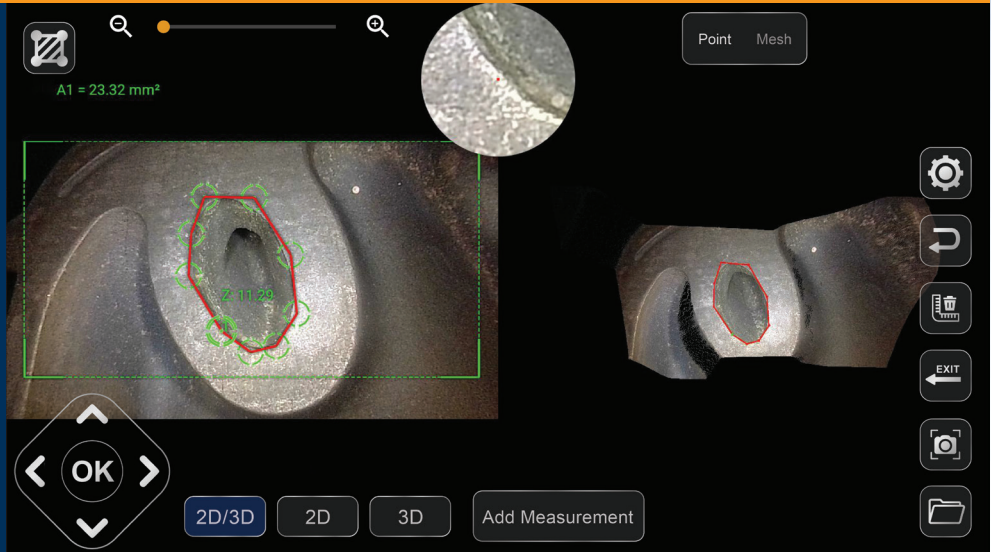


## AREA

Measures the planar surface area of a feature by outlining its boundary with multiple cursor points. Area measurement provides a quantifiable, two-dimensional representation of the surface area damage or material area loss.

### Example Use Cases

- Extent of coating loss on a component surface
- Total surface area of a corrosion or pitting field

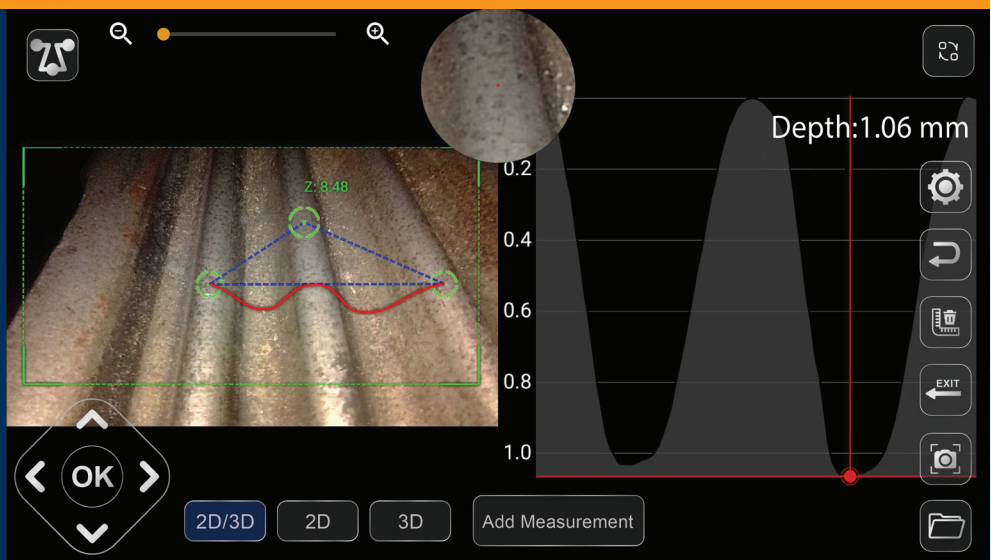


## DEPTH PROFILE

Generates a cross-sectional map of surface variation, identifying the highest and lowest points relative to a reference plane. Ideal for visualizing and quantifying subtle or complex surface geometry.

### Example Use Cases

- Cross-sectional profile of a corrosion or erosion pit
- Surface deviation along a weld or wear groove



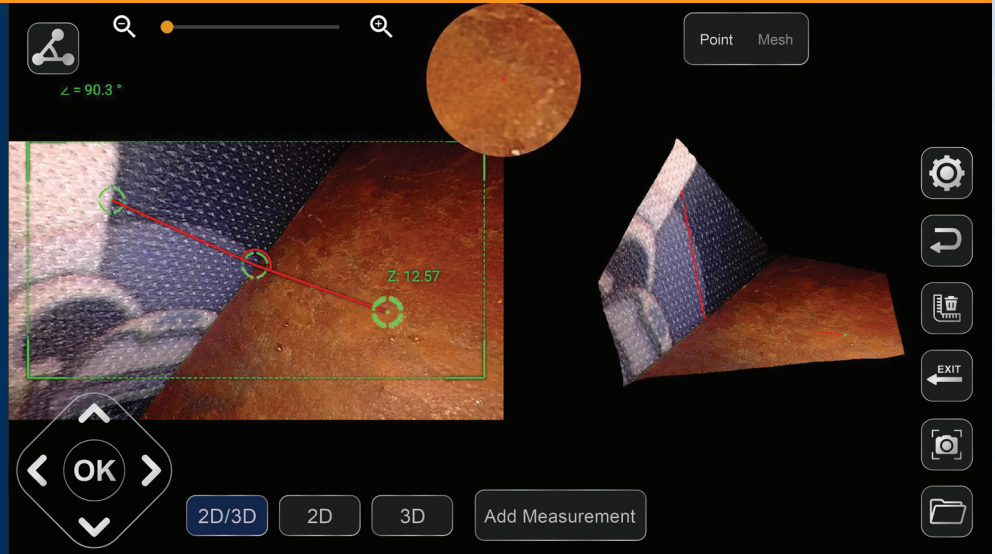


## ANGLE

Measures the three-dimensional angle between two lines defined by three user-placed points on a surface. Ideal for assessing angular relationships on flat or complex geometry.

### Example Use Cases

- Erosion angle of a wear surface on a turbine blade or vane platform
- Angular measurement of material loss on an oil and gas chute or valve seat

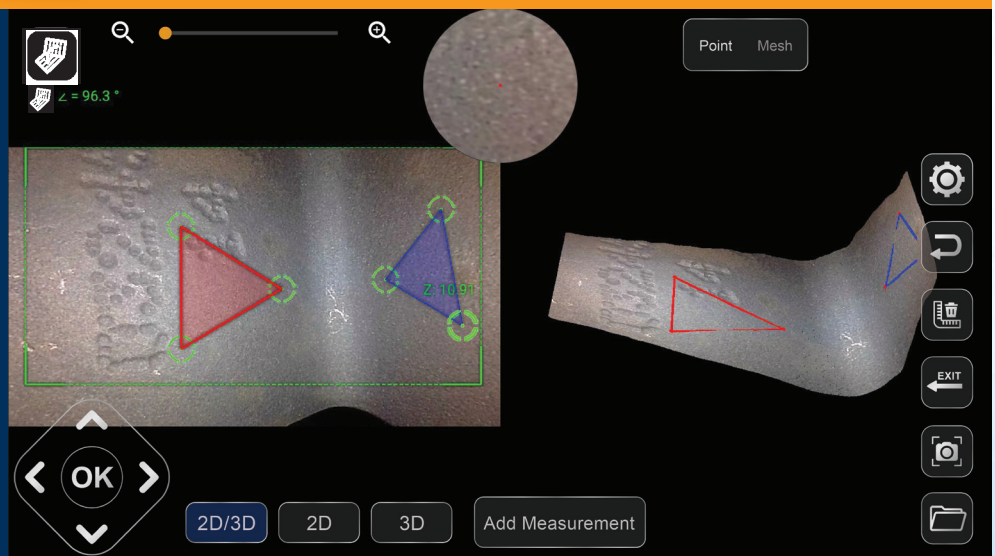


## SURFACE ANGLE

Measures the three-dimensional angle between two user-defined planes, each determined by three cursor points. Ideal for quantifying the angular relationship between two adjoining surfaces.

### Example Use Cases

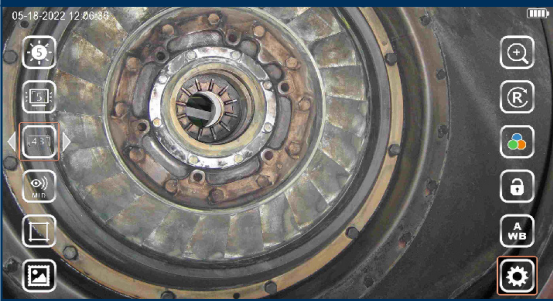
- Bend angle of a deformed or impacted structural component



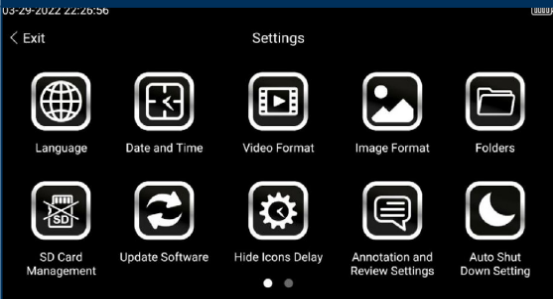
**EASY ORGANIZATION & STORAGE**



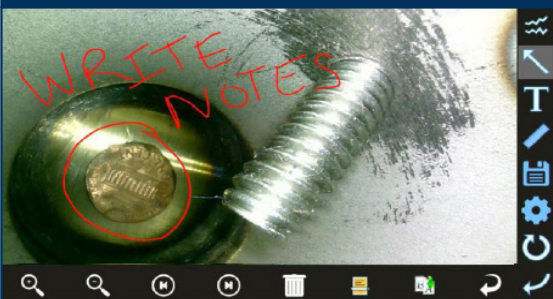
**INSTANT ACCESS TO KEY FUNCTIONS**



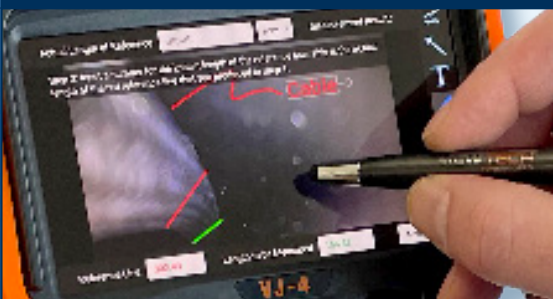
**WIDE RANGE OF SETTINGS**



**ON-SCREEN ANNOTATION**



**TOUCH-SCREEN OR STYLUS INTERFACE**



**RUGGEDIZED CASE & ACCESSORIES  
ARE INCLUDED WITH EVERY  
BORESCOPE WE SELL**



**QUICKLY TURN  
YOUR INSPECTION  
PICTURES INTO CLEAN,  
PROFESSIONAL PRINTED  
OR DIGITAL REPORTS.**

