

FIBEROPTIC

Remote Visual Inspections

FO SV PRO 3D Measurement Videoscope



High definition
HD-Intelligence

High definition display image



- 6.5 inch high-definition touch screen with professional customized lenses.
- Million pixel and sensitivity image sensor, ensuring clear and delicate images.
- The binocular lens adopts a 720P high-definition solution, high sensitivity CMOS sensor, and automatic light sensitivity.



Higher resolution displays fine defects



Excellent and strong light to support view in large cavity



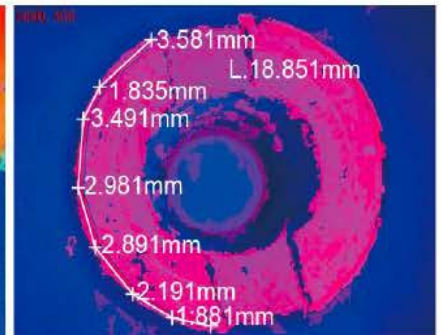
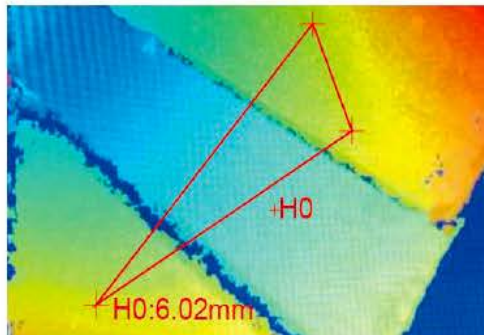
True color reproduction



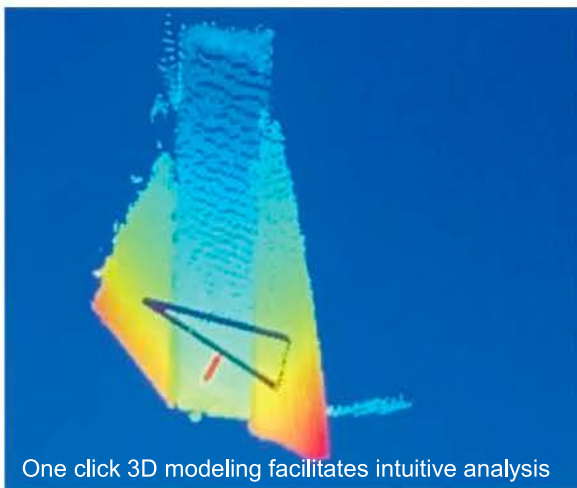
Advanced noise reduction performance improves real-time image quality

Powerful measurement function

- High definition 3D scanning measurement can perform precise 3D measurements.
- It can display object distance and measure dimensions in real-time, allowing for more intuitive and accurate detection.
- The rich 3D depth cloud map provides a reliable guarantee for accurate measurement, and cracks as fine as silk threads can be accurately displayed and measured.



Intelligent operating system



- One click 3D modeling
- Negative film comparison display
- Real-time image picture - in - picture display
- Desktop Collection Common Function Icons
- Exclusive watermark addition

Focus on the new non-destructive technology of visual acoustics, build the world's first-class brand of non-destructive testing.

360° all-round joystick control



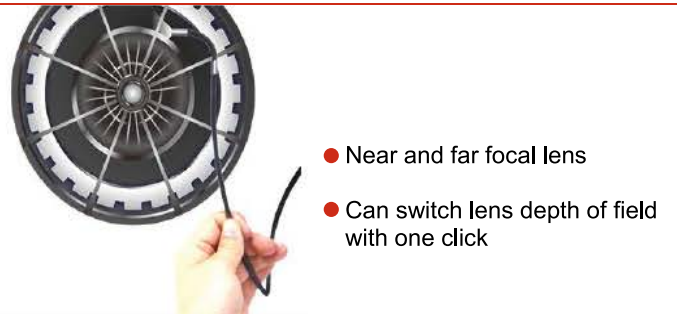
Modular design



Exquisite exterior design



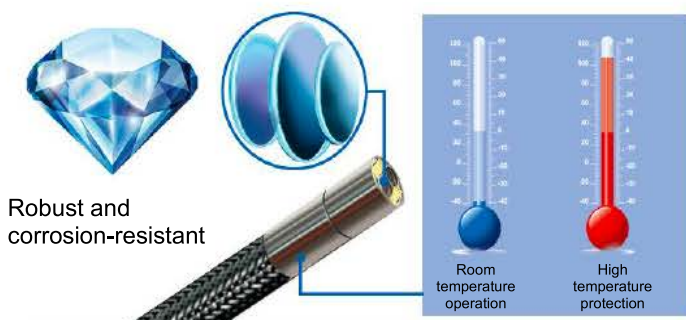
Support for depth of field switching



HDMI output



Sapphire lens high-precision probe



Ingress protection standards



Applications



Aerospace



Aircraft engine



Aircraft manufacturing

Technical parameters

Camera	Diameter 6.0mm	LCD size	6.5 inches touch screen
Pixels	1,000,000	Controller size	351*163*122
DOF	8mm~80mm (side view camera 5mm-50mm)	Controller interface	HDMI interface,USB 3.0 interface
FOV	120°	System memory	Built-in 4GB standard flash memory
Housing material	Titanium alloy or Stainless steel	Memory medium	128GB SSD
Cable length	2.0M/3.0M	Battery capacity and working hour	11.1V 7000mah、>3 hours
Cable surface layer	Tungsten braided	Operation system	Embedded operation system
Bending angle	>120°	Image control	
Control mode	Motor driven joystick control	Temperature warning	Over temperature warning
Type of light	High light LED	Special image processing	Negative
LED Life	100,000 hours	Still image record	Resolution 1280x720 format JPEG , BMP
Temperature sensing	Build-in temperature sensor	Video recording	Resolution 1280x720 format AVI ,ASF
DOV	0 or 90°	Stereo measurement	Including point-to-point,point-to-line, point-to-surface, curve measurement,etc. The measurement accuracy is 0.1~0.2mm, and the deviation is 1~2%
Camera lock/ pause	Available	Data output	Support U disk export

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