

V+ Series

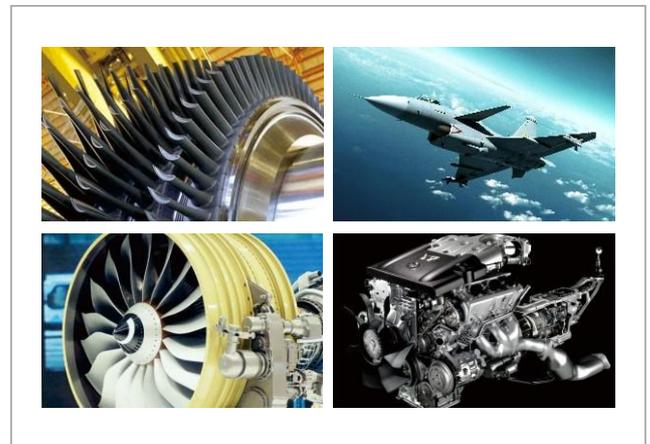
Measurement Videoscope

Brief Introduction

DELLON V+ 3D scanning measurement videoscope has independent intellectual property rights and is the first videoscope product with 3D measurement function developed in China. It integrates optics, electronics, precision machinery and binocular photogrammetry technology, with high definition, good reliability and strong stability. Accurate detection and measurement can be carried out in places where a person is out of reach or where there are potential safety hazards, so as to meet the actual needs of users to the greatest extent.

Product Features

- The binocular lens is 720P high resolution and adopts high-sensitivity CMOS sensor and is automatic photosensitive.
- Touchable HD high-definition display.
- Super strong ABS material controller wrapping edge to prevent accidental drop and damage to equipment in harsh working conditions
- Large-capacity lithium battery, easy to replace quickly, fully guarantee the battery working times.
- Equipped with suspendable straps and on-site stand for easy operation and portability.
- Modular design, easy to carry, repair, replace.



Excellent Image

Higher resolutions details subtle defects;



Engine Cavity

True color reproduction for vivid details



Corroded/ablated material

Excellent lighting illuminates the entire large cavity;

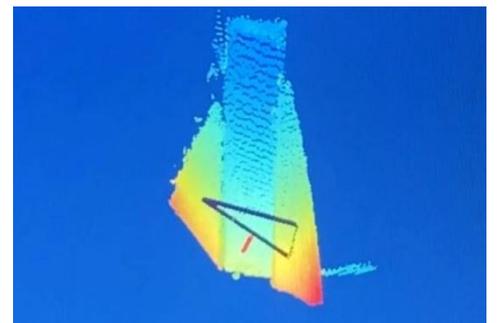


Inside Pipe inner

Advanced noise reduction performance improves real-time picture quality.

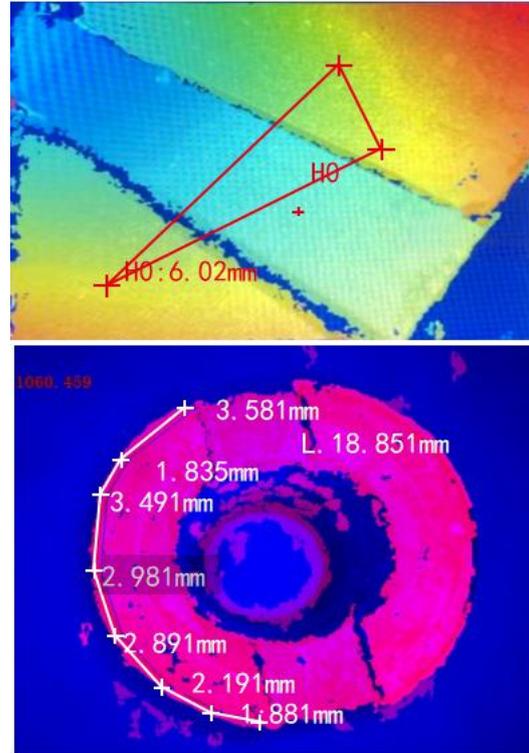


Welding



Outstanding Measurement Capabilities

3D measurement enables accurate 3D measurement. It can display the object distance and measurement size in real time, so that the detection can be completed more intuitively and accurately. The rich three-dimensional depth cloud image provides a reliable guarantee for accurate measurement, and cracks as thin as silk can be accurately displayed and measured.



- Point-to-point, point-to-line, point-to-surface, curve measurement and other measurement methods cover all customer needs.
- Real-time measurement and post-measurement modes.
- Using high-definition binocular 3D modeling, the measurement is more accurate.
- Defect negative enhancement display and defect color rendering mark function for easy defect identification.
- Intelligent operating system, convenient and efficient, you can easily edit The inspection report.
- The software adopts a visual symbol operation interface, which is easier to use. It has the functions of taking pictures and videos, storing and playing back, infinitely zooming real-time images, editing and commenting files and managing files and folders. It supports exporting U disk.



Technical Parameters

Camera	Diameter 6.0mm/4.0mm	LCD size	6.5 inches touch screen
Pixels	1000,000/300,000 pixels	Host size	351*163*122mm
DOF	8mm~80mm/5mm-100mm(side view camera 5mm-50mm)	Host interface	HDMI interface, usd3.0 interface
FOV	120°	System storage	Built-in 4GB standard flash memory
Housing material	Titanium alloy or Stainless steel	Record medium	128GB SSD
Cable length	2.0M/3.5M	Battery capacity and working time	11.1V 7000mah、≥3 hours
Cable surface layer	Tungsten braid	Operation system	Embedded operation system
Bending angle	>120°	Image control	Five-level zoom, brightness, saturation, contrast, hue adjustment
Control mode	Motorized control	temperature warning	warning over temperature limit
Type of lighting	High light LED	special image processing	Negative
LED Life	100,000 hours	Still image record	Resolution 1280*720 format JPEG , BMP
Temperature sensing	Build-in temperature sensor	Video record	Resolution 1280*720 format AVI , ASF
DOV	0 or 90 degrees	Stereometry	Including point-to-point, point-to-line, point-to-surface, curve measurement, etc., the measurement accuracy is 0.1~0.2mm, and the error rate is 1~2%
Camera lock/ rest	available	Data output	Support U disk export

Applications



Aerospa

Special Inspectione

petrochemical

Electricity

Architecture

Military Industry

Car Manufacturer

Marin

Mechanical