

NDT Supply.com, Inc.

7952 Nieman Road
Lenexa, KS 66214-1560 USA

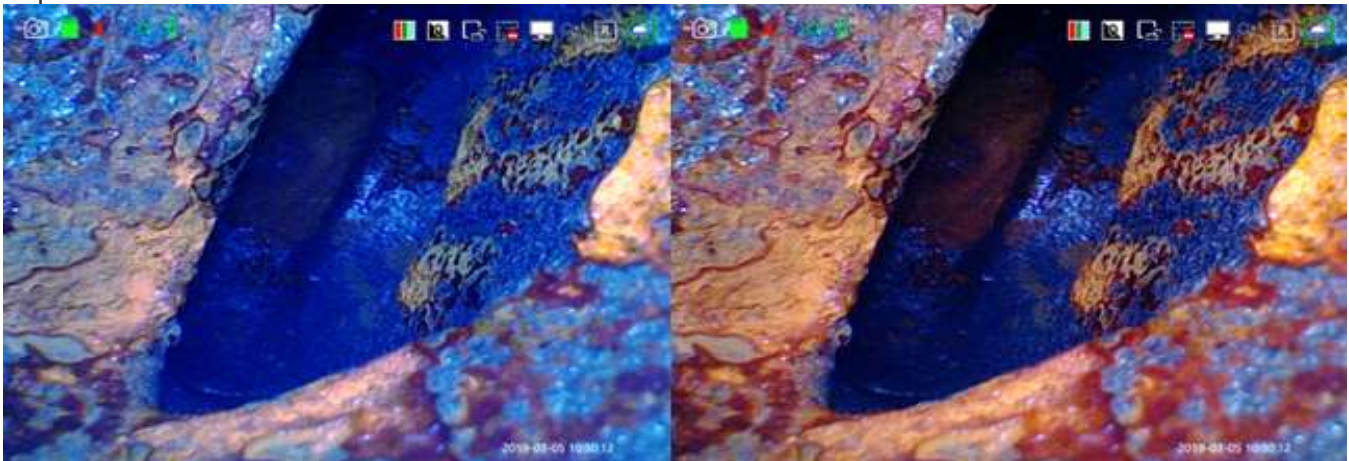


Ultraviolet-light Intelligent Videoscope VU510 Series



INTELLIGENT SOFTWARE

Strong intelligent image processing system: with the functions of mage rotation, white balance, exposure control, negative film and zoom in & out, comparative measurement, it can meet all kinds of complicated inspection needs.



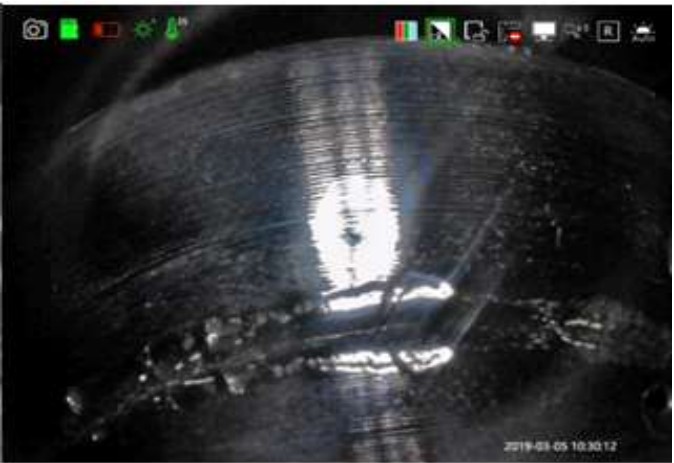
White Balance: Auto white balance with strong color reduction; manual-control white balance according to inspection needs.

Phone: 913-685-0675
Fax: 913-685-1125

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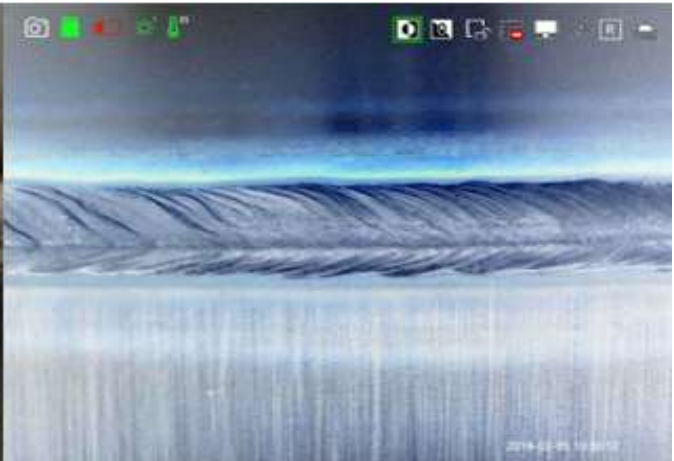
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Exposure Setting: exposure suppression--the polished object is also inspected clearly; exposure compensation--when checking large cavity, it can be more effective and clearer



Normal Mode: HD image effect



Negative Film Mode: Enhance the ability to compare and analyze the internal defects of the inspected objects.



Support 8X zoom in/out

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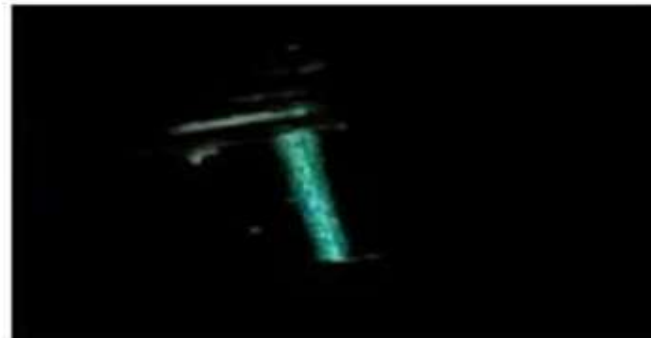
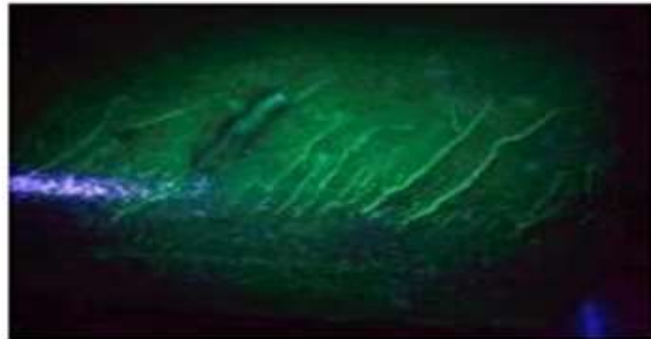
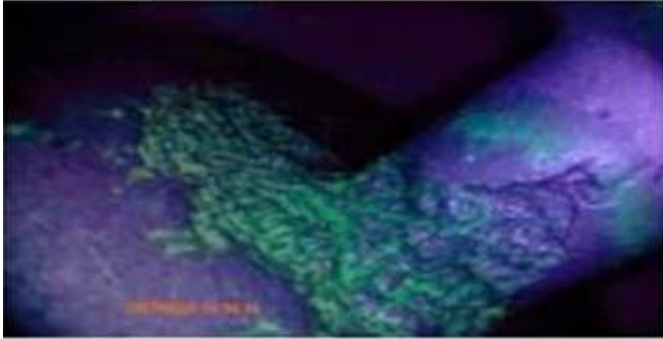
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UV Inspection on Site



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FLEXIBLE ARTICULATION CONTROL

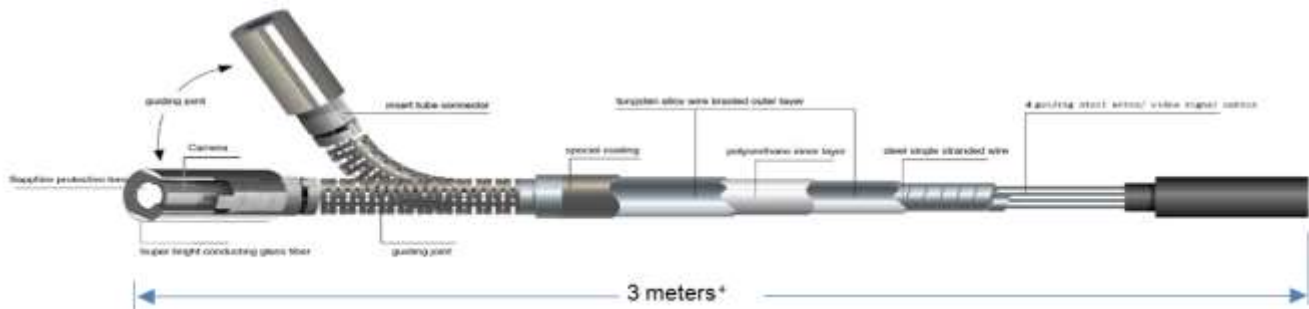
360 ° joystick-control articulation, damping type positioning design, precise probe locking technology, make the detection more accurate and efficient. Independently developed technology of long-distance transmission ensures bending angle $\geq 100^\circ$



360° precision articulation



Maximum bending angle ≥ 190



STRONG HARDWARE

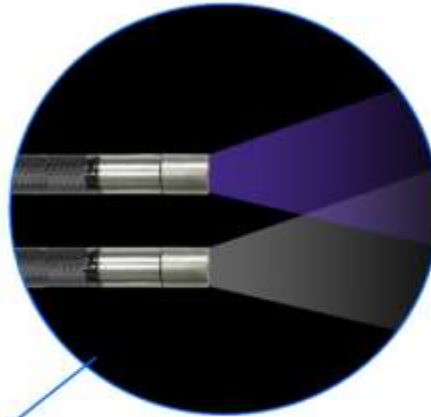
VU510 Ultraviolet-light HD intelligent videoscope adopts modular design, the host and the handle can be separated with one button. The dual light source of the probe is designed in an integrated way, and an insert tube is equipped with both ultraviolet light and white light at the same time. By one-key switch through the universal button, white light can be used to find the direction, and ultraviolet fluorescence detection can be performed.

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Monitor and tube can be separated by one button.



WIFI button



360° joystick control



Damping control



High temperature alarm function: Orange alarm when the temperature is above 65 °C; Red alarm and shutdown when the temperature is more than 80 °C.



The image can be outputted to HD display by HDMI.

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Original dual battery design, 8 hours working time; real-time battery indication



Display resolution: 1280*960, high light, wide color gamut, all sight viewing angle, ensure clear image, rich colors and good color reproduction.

Specification

VU510 Series	VU510 Ultraviolet-light Intelligent Videoscope	
Ultraviolet Probe System	Probe Diameter	Φ6mm
	Camera Pixels	1MPixel
	Probe Resolution	1280 x 720
	Video Resolution	1280 x 720
	DOF	10-100mm (0.39"-39.3")
	FOV	120°
	Viewing Direction	Direct-view / 90° Sideview
	Light Source	UP1: Direct-view probe: Optic fiber UV illumination UP2: Direct-view probe: Fiber UV illumination+ LED White Front illumination UP3: Sideview probe: LED UV illumination
	Illuminance	1200uW/cm ²
	Tube Length	1.5/2.0/3.0 Meters (4'11"/6'7"/9'11")
	Protecting Device of Durability	42mm (1.65") buffer protection device between tube and handle
	Articulation	360° joystick-control articulation
	Bending Angle	Maximum: 190°
	Probe Positioning	Damping positioning & articulation lock device
Monitor Display System	Display	VU510 5.1 color IPS display, all sight viewing angle, sunshade design
	Display Resolution	1280 x 960
	Zoom In / Out	8X

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	Languages	English, French, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese, Russian, Korean
	White Balance Suppression	5 levels adjustable
	White Balance	Auto white balance, automatically adjusts and eliminates speckles to achieve optimal images
	Image Effect	Negative film / black & white / standard
	Temperature Indication	High temperature alarm (optional)
	IP Level	Probe / Tube: IP67
	Software Function	Playback, image parameters adjust and rotate
	Structure	Hand-held integrated design
	Image / Video Format	JPEG / MOV
	Comparative Measurement	Using measuring probe and analog scale to compare and analyze the internal defect and size of the inspected object
	Data Port	HDMI video output, Micro USB port with water & dust proof device
	Working Time	8 hrs.
	Battery Capacity	3.7V, 3200mAh x 2
	Power Charge	DC5V, 1A
	Weight	1.76 lbs. (0.8 kg)
	Compatibility	Interchangeable monitor and tube with different diameter
Accessories	Standard Configuration	Instrument case: 1pc; videoscope: 1 set; battery: 2pcs; card reader: 1pc; 32GB TF card: 1pc; charger: 1 pc; USB cable: 1 pc; user manual: 1 set