SHENZHEN VSNDT CO.LTD

VS-K

Video endoscope



Multiple colors available

- **Black**
- **Grey**
- **Orange**

ENDOSCOPESOLUTION PROVIDER

- F:Building 19, No.10,Songshanhu Park, Dongguan, Guangdong
- 0:Room 1805, Pingshanshouzuo, Pingshan District, Shenzhen, Guangdong

Higher efficent inspection functions：



Million HD： 720P high-definition camera

Match dual megapixel cameras,ultra-clear photo and recording, clearer view



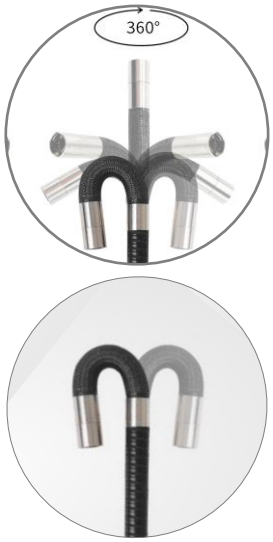


Quick to change probes： Change different diameter probes according to different environment

- Diameter：0.85mm-8mm optional
- Length：0.5m-30m optional



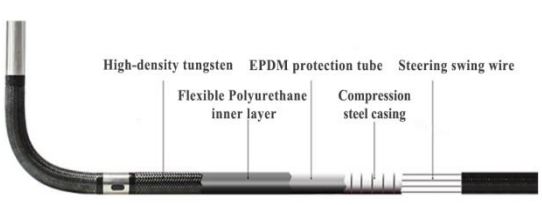




Multi-functional probe system： Handheld roystick control probe steering

- 360° full direction articulation
- 180 ° probe bending angle

Four-layer braided tungsten material, super wear-resisting



Front view/side view/durelviews optional



More intelligent operation system：



WIFI wireless transmission

During inspection, more than two devices can be connected at the same time. Through WIFI connection, remote synchronous observation and control can be achieved, which is convenient for centralized observation of the internal conditions of the object.

HDMI connects big screen： The image can be losslessly output to a high-definition display via HDMI, allowing the inspection screen to be presented synchronously.Watching on a large screen, the picture is clear and smooth without delay, making it easier to find subtle defects and meet the diverse

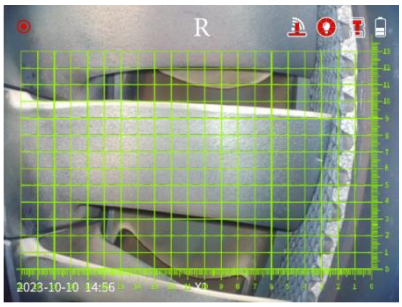




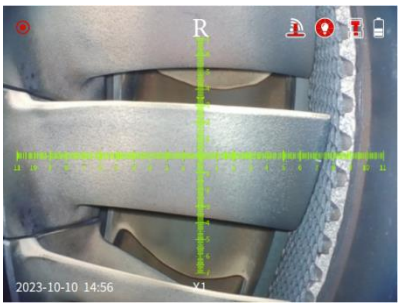
Temperature warning

In the special inspection environment, if the temperature exceeds the 80°C thresh old, a red temperature warning will be di splayed.

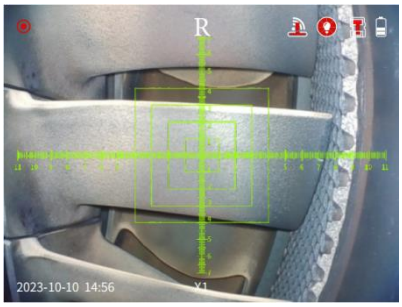
Analog ruler： Defect size comparison measurement, multiple display modes are optional, cross scale is intuitively displayed, grid mode is subtle and visible, cross frame mode is accurate, three modes can be called at any time, and the defect detection auxiliary judgment is more accurate, improving the detection efficiency and accuracy.



Grid mode



Cross mode



Cross frame mode

More customized choices：

With a deep understanding of customer needs, we provide a full range of customized services from lens selection, light source configuration to auxiliary function optimization to ensure adaptability and durability under different inspection environment requirements. With rich experience and superb technology, our professional team can tailor-make the most suitable industrial endoscope for customers to help them improve inspection efficiency and product quality.

❖ Front/rear lighting customization



Select different lighting methods according to the specific detection environment and image quality requirements.



❖ Three light source customization



Customizable UV light,Infrared light, UV and white light, Infrared and white dual light sources to meet the needs of various scenarios such as flaw detection,reconnaissance,industrial inspection.

❖ 300℃ high temperature resistant function customization



With air cooling system, it can be used for testing in high temperature environment of ⩽300℃, specially used for testing in special inspection industry.

❖ Infrared thermal imaging customization



Customizable infrared thermal imaging function, accurate temperature measurement from -20℃ to 150℃, 160*120 thermal image resolution,precisely locate fault points.

❖ Customization of different cable types



You can choose different cable types such as tungsten wear-resistant tube/handheld hard rod/straight head, elbow spring tube/shaped tube for customization.

System parameters ：

Host system	Dimension	350*155*59mm										
	Display	5 inch industrial LCD screen										
	Output port	HDMI video output，Micro USB、TF card slot										
	Storage	32G										
	Power	Special rechargeable lithium battery pack, online charging, battery life ≧4 hours										
	IP grade	IP54										
	Working temperature	-10℃～50℃										
	Storage temperature	−20℃～60℃										
	Relative humidity	Max 90%，No condensation										
	Operation System	Multifunctional operating system										
	Operation method	Button navigation, dual camera and video buttons										
	Support Function	With freeze, zoom, photo, flip, video playback, analog ruler functions										
	File Format	Image:JPEG（JPG)，Video:AVI										
	Support Language	Chinese, English, German, French, Russian, Spanish, Italian, Polish, Japanese, Ukrainian, and other languages										
Probe parameters	Probe diameter	8mm	6mm	4.5mm	3.9mm	2.8mm	2.4mm	2mm	1.8mm	1.2mm	1mm	0.95mm	0.85mm
	Lens direction	Direct view/Side view/Double view					Direct view		Direct view/Side view		Direct view		
	View angle	120°											
	DOF	12-200mm		7-150mm		3-70mm/5-100 mm		3-70mm					
	Pixel	1MP				160000 (customizable 520,000)			160000				
	Illuminating system	Rear high-power LED fiber optic transmission/LED Integrated lighting											
	Probe articulating	360° full direction articulation/180°two way articulating/no articulating								no articulating			
	Probe bend angle	180°±10°				160°±10°				/			
	Probe IP grade	IP67				/							
	Working temperature	-20°C~70°C											
	Insert tube length	0.5m~30m (customizable)											
	Insert tube materials	Flexible (tungsten braided tube)								Bourdon tube（other tubes can be customized）			