SHENZHEN VSNDT CO.LTD

VS-P

FHD touch industrial endoscope



ENDOSCOPESOLUTION PROVIDER



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

Higher efficent inspection functions：



6 " FHD Touch screen： Intelligent touch system, sensitive touch and precise operation, intuitive display of functional information, ready to use.

1080P high-definition resolution： 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



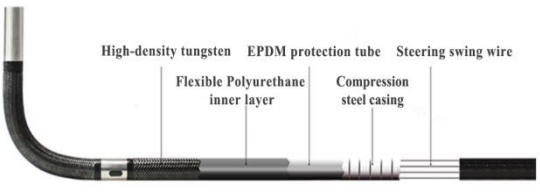
detachable probes



Multi-functional probe system： Handheld roystick control probe steering

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

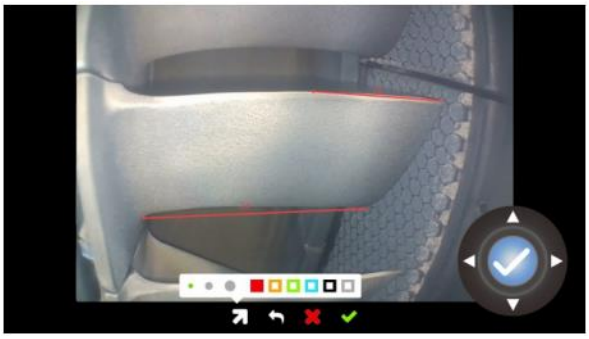
Four-layer braided tungsten material, super wear-resisting



Front view/side view/durelviews optional



More intelligent operation system：



Comparative measurement method

Using a known size in the detection image as a reference, through image processing software comparison calculation, get a new measurement result, which has the advantages of improving measurement accuracy and reducing human errors.

Annotation and graffiti function

During the detection process, the image can use the annotation and graffiti function to mark the location of the defect and add a text watermark, which is convenient for later effect comparison after saving.





Camera pickup and recording functions

Support to set 3 kind of audio source recording modes

"Headphone sound": when recording a video, record the sound received by the headset microphone;

"Probe sound": when recording a video, record the sound received by the probe;

"Real-time monitoring" , Probe sound": When recording video, the sound detected by the probecan be heard by the earphones, and the sound can also be recorded.

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.



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	Size	375×175×78mm										
	Display	6 " FHD Touch screen										
	Resolution	1920X1080										
	Output port	TF card，HDMI port，Type-C, Headphone jack										
	Memory card	Built in storage,support TF card,max128G										
	Power	≧8 hours of battery life, dual circuit design, single cell battery can also be turned on and work (supports battery replacement without shutting down)										
	IP grade	IP54										
	Working temperature	-10℃～50℃										
	Storage temperature	−20℃～60℃										
	Relative humidity	Max 90%，no condensation										
	Operation method	Dual operation of high-definition touch and button navigation, dual camera and video button										
	Support function	Comparative measurement,Analog ruler,Image comparison,Logo setting,Camera adjustment,Audio settings										
	File format	Image JPEG（JPG) format，Video AVI format										
	File management	Photo, Video,Freezing,zooming,flipping,video playback,Graffiti,Watermark										
	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）				