TIME45/TIME100 Series

VIDEO BORESCOPE

- 720P ultra clear image display
- Display size is free to change
- Flexible selection of thick and thin pipelines
- Rocker 360° precision steering
- 8 hours of super work time

Smart Main Unit

HD

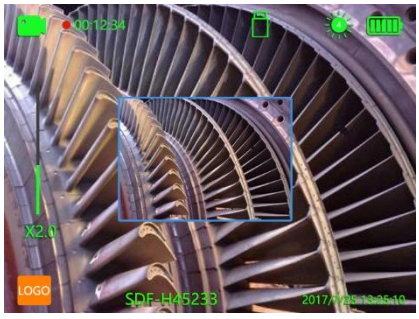
Photo and video 720P, 450,000, 1 million pixels optional; the image is super clear and the image resolution is up to 1920*1080.1280*720; support HD video recording.

Output

Image can be output to HD display via HDMI lossless.

Display

Display, pipeline independent module design, 3.5-inch and 5.7-inch display options, smarter and more convenient operation.



Record

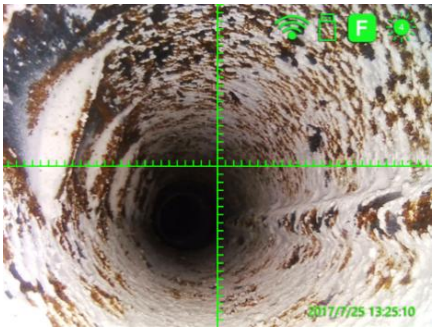
During the recording process, one click to capture. Both the video and the photo are saved, and the image is recorded in real time.

Zooming

Preview images support real-time scaling, making detection of defects more intuitive.

Ruler

Defect size comparison measurement, cross scale display, call at any time, more accurate detection of defect detection.



Multi Functional Pipeline System

Steering

360° omnidirectional steering, damped positioning design, and precise probe locking technology make detection more accurate and efficient.

Wear

The pipeline is made of tungsten wire and has 5 layers, thus the wear resistance is 20+ times that of ordinary pipelines.

Bend

The maximum bending angle is up to 190°

WIFI

It can realize wireless synchronization display of terminals such as no host, long distance, mobile phone/tablet.

Battery

Unique dual batteries design; continuous working ≥8 hours;
real-time power indicator

Light

Ultra-bright ceramic LED with luminance up to 30,000Lx

Change

Compatible with 2.0mm~6mm diameter pipelines

Quality Assurance

The full range of products have undergone strict high and low temperature, waterproof, drop, vibration, pressure, RoHS, CE testing.
In accordance with the ISO quality management system for R&D and production, we provide users with high-quality professional equipment.

Beijing TIME High Technology Ltd.
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Technical Specifications

	Model	TIME45 Series		TIME100 Series	
Cable System	Probe Dia（mm）	Φ3.9	Φ6.0	Φ3.9	Φ6.0
	CameraPixel	450000	450000	1000000	1000000
	Depth of fiel（mm）	5-50mm/10-100mm/20mm -∞ 5-50mm/8-150mm 10-100mm 10-100mm/ 20-120mm			
	Field of view	120°			
	Light	LED			
	Illuminance	Max 30000Lx			
	Length of Cable	1.0m/2.0m/3.0m	1.0m/2.0m/10.0	1.0m/2.0m/3.0	1.0m/2.0m/7.0m
	Durable device	42mm buffer protection for insertion tube and handle connection			
	Bending Direction	360°			
	Bending Degree	Max 190° （10m cable 90°）			
	Probe Positioning	Automatic positioning with damping (optional fastening locking device)			
	Wireless	WIFI（T45 series optional）			
Host System	Display	3.5 inch / 5.7 inch color TFT LCD			
	Picture Resolution	640×480 / 1280×720 / 1920×1080			
	Language	Chinese, English, Russian and other eight languages are available			
	Shell structure	Anti-fall engineering materials			
	Waterproof, dustproof	Probe, objective lens and pipeline can withstand IP67 waterproof			
	Machine structure	Handheld integrated host			
	Photo/video file format	JPEG/MOV			
	Data interface	HDMI video output interface, Micro USB port			
	Working Time	≥8 hours, built-in power supply up to 8 hours			
	battery capacity	Double group 3.7V, 3200mAh×2			
	Charging	DC5V，max 1A			
	Weight	≤0.55Kg			
	compatibility	replaceable/upgraded mainframe, compatible with insertion tubes of different diameters			
Parts	Storage	Capacity 8G TF card (maximum support 32G)			
	Power	Removable rechargeable lithium battery (optional with built-in rechargeable lithium battery)			
	Standard Delivery	Instrument box, endoscope, rechargeable battery, card reader, memory card, data cable, charger, manual, certificate			

Applications

Aerospace, automobile manufacturing, automotive aftermarket, police safety, energy and power, military manufacturing, special inspection systems, petrochemicals, food medicine machines, machine casting, rail transportation, municipal pipelines, etc.