

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

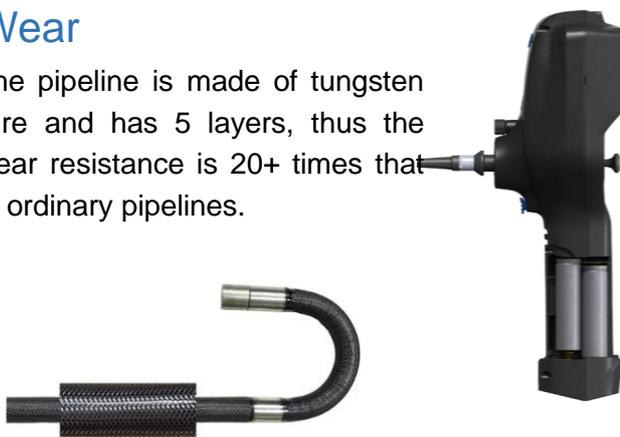


Steering

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



2.0mm side view



2.0mm two directions



2.8mm two directions /four directions



3.8mm 360° all directions



6mm 360° all directions



6mm side view 360° all directions



6mm straight /side view 360° all

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.



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Technical Specifications

| | Model | TIME45 Series | | TIME100 Series | |
|--------------|-------------------------|---|----------------|----------------|----------------|
| Cable System | Probe Dia (mm) | Φ 3.9 | Φ 6.0 | Φ 3.9 | Φ 6.0 |
| | CameraPixel | 450000 | 450000 | 1000000 | 1000000 |
| | Depth of field (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.

