

High Temperature Endoscope (300 °C)

Model: CL801T



Product Introduction:

The Endoscope has a Portable design, easy to operate, long working hours, in a narrow space to check the various industrial pipes or complex equipment of corrosion, cracks, welding, foreign body, wear and internal parts processing, and through a fine comprehensive detection. Mechanical control can be rotated in two directions, the single-side bending Angle is greater than 180 degrees, flexible control, labor-saving, high working efficiency, and low failure rate compared with electric power steering.

Features :

- Excellent operation, can be easily connected to the mobile phone or PC terminal display, without external power supply.
- Front-end super-bright LED lighting, optimize the lighting system design
- The front end is equipped with a cooling device (using compressed air) at high temperature (300 °C), which enables the probe to enter the high temperature area for observation

Specifications :

Model	CL-801T
Lens diameter	Φ 7.5mm
Pixel	One megapixels
Probe length	17mm
Image sensor	1/6inch
Visual Angle	120 Degrees
Depth of field (visual range)	From 10 - 100mm
Illuminance	8 LED light source
Observe The Direction	Front-end direct view
Thermostability	300 °C
Cooling Hole Pipe Diameter	8mm
Insert Tube Material	Stainless steel wire woven tube / set pipe
Insert Tube Length	Standard 1.0 m
Bend Angle (upper / bottom)	180°
Position Fixed	One key lock
Image Resolution Ratio	1,280*720 JPG
Video Resolution	1,280*720 MP4
Software Compatibility	Android or Windows
USB 2.0 Output	USB Type-C Cable provided
Key Functions	Take photos, turn on the lights
Internal Storage	Computer or Smartphone storage
Product Weight	Including packaging equipment: <1.5kg, bare machine 0.5kg
White Balance	automatic white balance

Working Environment:

System Operating Temperature	0°C- 50°C
Ambient Humidity	15- 90% RH
Video Probe Operating Temperature	0°C- 300°C, below 0°C will reduce boot operations
Waterproof	The inserted tube and probe is IP58 rated
Storage Temperature	0°C- 60°C
Packaging Accessories	120 Degrees
Working Air Pressure	6-7 kg/cm2

High Temperature

CAUTION NOTE:

- Must connect to Air Compressor if working temperature exceeds 60°C
- Compressed air supply must not be interrupted, otherwise Lens will be damaged
- Working Environment Air Pressure must not exceed 6- 7 kg/cm2. If exceeds, need to stop for 5 minutes and cool down using compressed air.
- Compressed Air Pressure: 5.5- 6.9 Bar, by clean & dry compressed air.