

PONPE 480



This infrared thermometer is used for measuring the temperature of the object's surface, which is applicable for various hot, hazardous or hard-to-reach objects without contact safely and quickly.

This unit consists of Optics, Temperature Sensor Signal amplifier, Processing circuit and LCD Display. The Optics collected the infrared energy emitted by object and focus onto the Sensor. Then the sensor translates the energy into an electricity signal. This signal will be turned out to be digital shown on the LCD after the signal amplifier and

Specifications

Temperature	-50 ~ 380°C (-58 ~ 716°F)
Accuracy	0 ~ 380°C (32 ~ 716°F): ±1.5°C (±2.7°F) or 1.5% -50 ~ 0°C (-58 ~ 32°F): ±3°C (±5°F) Whichever is greater
Resolution	0.1°C or 0.1°F
Repeatability	1% of reading
Response time	500 mSec.
Spectral response	5-14 um
Emissivity	0.95 Preset
Distance to Spot size	12:1
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Operating Humidity	10 ~ 90%RH non-condensing, up to 30°C (86°F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Power	1.5V
Typical battery life	Laser off: 12 hrs

