

IR80 Premium Infrared Thermometer

supports K Type Thermocouple

The IRtek IR80 is the perfect infrared non-contact thermometers for the professional. With the high accuracy in its class, this robust thermometer provides quick and reliable surface temperature and internal temperature readings of the target. This compact and portable tool enables technical professionals to diagnose potential problem related to heat before any major breakdown. The high temperature range and the high distance to sensor ratio make it possible to measure high temperature at a greater distance without sacrificing the accuracy.



Measure Surface Temperature

The infrared side of the thermometer measures the surface or skin temperature of the object. This method of measurement provides quick and safe way of measuring temperature.



Measure Contact Temperature

Some applications require reading inside or internal temperature of the target such as liquid, semi solids or ambient temperature. With K type input provided, any external probe of any nature whether air probe, penetration probe or surface probe is acceptable.



Specifications

Measurement Range	: -60°C ~ 760°C (-76°F ~ 1400°F)
Distance : Spot	: 30 : 1
Resolution	: 0.1°
Accuracy	: ±1°C (±1.8°F) for 15°C ~ 35°C; others ±2% of reading or ±2°C (±4°F)
Emissivity	: adjustable 0.10 ~ 1.00
Distance to Target	: 6m (typically)
Response Time	: 1 second
Spectral Response	: 8 ~ 14µm
Laser Pointer	: Single, Class II, up to 1mW
Thermocouple	: K type; range: -64°C ~ 1400°C (-83.2°F ~ 1999°F); accuracy: ±1% of reading or ±1°C (±1.8°F) whichever is greater
Power	: 2 x 1.5V (AAA battery)
Size	: H146 x D132.7 x W48.8mm
Weight	: 221.8g including batteries
Standard Acc.	: Operation Manual, Batteries, Warranty Card, Certificate of Product Conformance,
Optional Acc.	: Thermocouple Probe (penetration/air/surface), Soft Pouch, Certificate of Calibration

IRtek. Infrared Thermal Solution.

IRtek International

For more information call:

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