

Thermosight HT

High Performance Handheld Infrared Thermometer for High Temperature Applications

- Temperature range
250°C to 1800°C
- Back-lit LCD display
- Built-in laser sighting
- Integral tripod mount
- Trigger lock for continuous measurements
- Display HOLD function
- 9V battery operation



GENERAL SPECIFICATIONS

Temperature Range	250°C to 1800°C
Spectral Range	1.45 to 1.8 μm
Field-of-View	50:1
Close-focus lens	Option (\varnothing 1.25 mm @ 250 mm)
Accuracy*	0.6% of measured value
Repeatability	0.2% of measured value
Temperature drift	0.01%/°C (23°C)
Response time t_{90}	20 ms
Emissivity setting	0.1 to 1.0
Display resolution	0.1°C from 250°C to 999.9°C, 1°C from 1000°C to 1800°C
Readings	Instantaneous, MAX, MIN, AVG or DIF
Data logging	750 points
Interface	USB 2.0
Analogue output	N/A
Acoustic alarm	HI
Units of measurement	°C or °F
Operating temperature	0°C to 60°C
Storage temperature	-20°C to 70°C
Weight	340 g
Environmental protection	IP20

* at 23°C ambient, emissivity 1.0

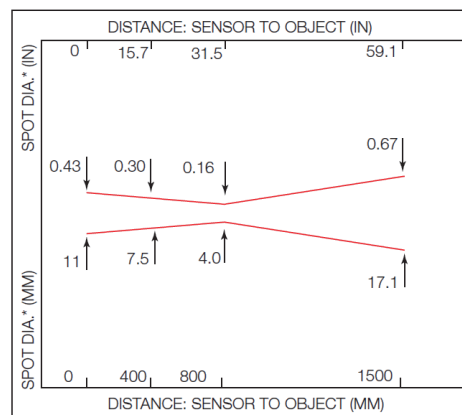
The Thermosight HT offers a reliable solution to most high-temperature non-contact infrared temperature measurement applications.

Its short-wavelength spectral response enables the Thermosight HT to measure the temperature of most surfaces.

The large backlit LCD display indicates the temperature at a glance, while the Thermosight's built-in laser sighting clearly indicates the target being measured.

The Thermosight HT has a USB interface, allowing communications between the handheld unit and a PC if required.

FIELD OF VIEW



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