

Handheld IR Thermometer

Non-contact IR measurements with laser pointer plus Type K sensor



The Handheld IR Thermometer

Determining cure temperature is critical to understanding cure rate. These hand-held thermometers use IR sensing technology to measure substrate and/or lamp temperature without contact to quickly and easily verify in-chamber temperature.

Lightweight, compact and easy to use, simply aim, pull the trigger and read the target's temperature on the unit's large, clear LCD display. By eliminating all contact, you can safely monitor hot and hard-to-reach materials or lamps throughout production to ensure consistent curing results.

With no need to stop production to check cure temperature with labels and other comparable sensing devices, you can maintain greater production efficiency, control variables with greater ease, and eliminate potential stock contamination. Fast reading also permits measurement of complete thermal patterns and transient phenomena to offer greater predictability.

This thermometer with a built-in laser pointer provides accurate, repeatable readings. It enables IR surface temperature readings with wide emissivity adjustment of .1 - .95. The type K thermocouple input enables contact measurements for IR surface emissivity verification and to improve accuracy. The compact, heavy-duty housing with convenient pistol grip is °F/°C switchable with .1/1° resolution. Available with or without NIST certification.

Features

- Built-in laser pointer for better aim
- Compact, heavy duty housing with convenient pistol grip
- Large 4 digit LCD display of temperature and functions
- Record/Recall both Min/Max readings
- % enables user to display Relative temperature measurements
- Data Hold to freeze temperature when working in hard to reach or dimly lit areas
- Manual Offset adjustment to improve accuracy
- Includes 9V battery

Specifications

Range(Resolution):

Infrared

14 to 230°F (0.1°); 14 to 662°F (1°)
-10 to 110°C (0.1°); -10 to 350°C (1°)

Type K

-50 to 1999°F (1°)
-10 to 1230°C (1°)

Accuracy:

<300°C: ±(3% rdg) or 6°F/3°C

±(1% rdg + 2°F/1°C)

Target Ratio:

6:1 (IE: at 6" distance, target size is 1")

Power:

9V Battery

Dimensions:

7.7 x 4.7 x 2.3" (195 x 120 x 58mm)

Weight:

9.6oz (265g)

Item No.

M005-050
M005-051

Description

IR Thermometer-Type K Input
IR Thermometer-Type K Input/NIST certified

24-HOUR PRODUCT SERVICES

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