

High Temperature Handheld Infrared Thermometer

This handheld infrared thermometer provides non-contact temperature measurement. It measures temperatures ranging from -50°C to 1800°C.



ADDITIONAL IMAGES



Overview



Detailed view of the color LCD interface, laser controls, and function buttons.



Demonstration of safe, non-contact temperature measurement in industrial settings.

High-Performance Infrared Thermometer

This professional-grade handheld infrared thermometer is engineered for non-contact temperature measurement in extreme environments. Featuring a wide temperature range of -50°C to 1800°C (-58°F to 3272°F) and a 50:1 distance-to-spot ratio, it allows for safe, precise monitoring of hot or hazardous surfaces. Designed for industrial, HVAC, and smelting applications, it includes advanced features like adjustable emissivity, dual laser targeting, and a backlit color LCD display for clear visibility in dark conditions.

Performance Metrics

Temperature Range (Celsius)	-50°C to 1800°C
Temperature Range (Fahrenheit)	-58°F to 3272°F
Distance to Spot Ratio	50:1
Response Time	0.25 s
Adjustable Emissivity	0.1 to 1.0

Accuracy Data

Accuracy by Temperature Range

Temperature Range (°F)	Accuracy
-58 to 320	+/- 3%
320 to 2120	+/- 2%
2120 to 3272	+/- 3%

Features

Laser Safety

Class II Laser

Key Features

Non-contact measurement, 9-point laser targeting, Color LCD backlight, Max/Min/Avg modes, High/Low temp alarm, Auto power off, Built-in flashlight

Power & Hardware



Easy battery access and laser safety specifications.

Power Source

9V Battery

Laser Wavelength

630-670 nm