



Traceable® Infrared Digital Thermometer with Cable

Noncontact digital thermometer allows simply pointing the sensor and reading a temperature

Probe never comes in contact with surface or solution. Cable permits exact positioning of the sensor. Jumbo, 1½-inch-high display may be switched from 14.0 to 572°F and -10.0 to 300°C. Switchable resolution is 0.1° or 1°. Accuracy is ±2°C or 2% of the reading.

Connects to computer or data logger

Serial RS-232 output allows the thermometer to be connected to a computer or data logger for monitoring and storing results.

Recalls high, low, and average readings

The field of view is 7:1 (example: at a distance of 21 inches the reading spot size is 3 inches). Probe has an emissive adjustment with a range of 0.1 to 0.95. This allows all types of material and liquid to be read. Sensor wavelength is 6 to 12 microns. Ultra-fast sampling rate is once per second. At the touch of a button, instrument recalls highest, lowest, and average readings. DATA HOLD button freezes display to capture readings.

Traceable to NIST for accuracy

To assure accuracy an individually serial-numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). Unit is supplied with probe (6 x 1½ x 1½ inches), 40-inch cable, Traceable® Certificate, 9-volt alkaline battery, and serial computer output. Unit size is 7 x 3 x 1½ inches and weight is 9½ ounces. Replacement battery Cat. No. 1112.

Cat. No. 4315 Traceable® Infrared Digital Thermometer with Cable

Cat. No. 4136 Data Acquisition System (see complete description on page 25)

Cat. No. 4325 Data Logger

Cat. No. 4138 Easy-Use Adapter 115 VAC

Traceable® Infrared Wide-Range Thermometer with 50:1 field of view



Infrared Thermometer Gun takes instant, less-than-a-second, temperature readings of any surface. Unique design permits one-handed "point-and-shoot" readings. Laser-sighting beam permits aiming precisely at target surface. It is ideal for food preparation, pharmaceuticals, field use, electronics, and safety inspection.

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Range is -58 to 1,832°F and -50 to 1,000°C with a resolution of 0.1° to 200, 1° over 200. Accuracy is ±1.5% + 2°C. Field of view is 50:1 (example: reads a spot the size of 6 inches from 25 feet away). Features include backlighting at the touch of a button, data hold (freezes display reading), laser, low-battery indicator, and °C/°F buttons. Size is 9 x 4 x 2¼ inches. Weight is 10 ounces. Includes 9-volt battery. Replacement battery Cat. No. 1112.

Cat. No. 4483 Traceable® Infrared Wide-Range Thermometer 50:1 field of view (Emissivity is fixed at 0.95) (pictured left)

Cat. No. 4484 Traceable® Infrared Wide-Range Plus Thermometer 50:1 field of view Emissivity adjustable from 0.10 to 1.00 in 0.01 steps. Also features minimum/maximum memory, average readings, and high/low audible alarms. (pictured right)