



Infrared Thermometers

Why use noncontact infrared thermometers?

Noncontact infrared (IR) thermometers use infrared technology to quickly and conveniently measure the surface temperature of objects. They provide fast temperature readings without physically touching the object. You simply aim, pull the trigger, and read the temperature on the LCD.

Lightweight, compact, and easy-to-use IR thermometers can safely measure hot, hazardous, or hard-to-reach surfaces without contaminating or damaging the object. Also, infrared thermometers can provide several readings per second, as compared to contact methods where each measurement can take several minutes.

Typical applications

Industrial/Electrical: Monitor steam systems, boiler operations, and motor/engine cooling systems performance; detect hot spots in electrical systems, panels, and motor bearings.

Heating and air conditioning: Monitor furnace and duct leakage; detect insulation breakdown; check ceilings, walls and floors for proper room temperature, heat loss, and gain.

Food safety: Fast and convenient screening tool for both cold and hot foods for Food Safety and HACCP. No contamination or damage to the product. Easily take temperature of products moving on conveyors or hard-to-reach places. Verify equipment performance, sanitation, and process temperature conditions. Scan cooling systems, refrigerated display cases, trucks, and storage areas before loading or stacking.

Agriculture: Monitor plant temperatures for stress.

Mini TempTestr[®] IR Thermometer

Economical noncontact thermometer fits right in your pocket!

This pocket-size infrared thermometer takes surface temperature readings of any liquid, solid, or semisolid in less than one second. Operation is simple—turn it on, point at sample, and take reading. Noncontact temperature measurements are ideal for food preparation, life sciences, field use, cleanrooms, and for fast inspections.

Features include switchable °F/°C display, Hold function, minimum/maximum memory readings, adjustable emissivity, low-battery indication, flip-open stand, and soft touch keypad.

What's included: metal storage case, wrist strap, and spare battery.



Specifications & Ordering Information

1 year warranty

Catalog number	WD-39642-00
Range	-27 to 428°F (-33 to 220°C)
Accuracy	±2% of reading or ±4°F (±2°C), whichever is greater
Response time	One sec
Emissivity	Adjustable from 0.01 to 1.00
Laser sighting	None
Distance-to-target size ratio	1:1
Power	One 3 V battery (included)
Dimensions	2½"L x 1½"W x ½"H

TempTestr[®] IR Thermometer

Laser sighting pinpoints your exact target area
Ergonomic design allows for easy gripping and one-handed operation

Taking temperature measurements has never been easier—just point the thermometer at your target and push one button! The TempTestr IR thermometer is ideal for use in the home, office, field, or lab—anywhere you need to quickly and accurately measure surface temperatures. Results in under ½ second. Hold function freezes reading for seven seconds.

What's included: one 9 V battery.



ISO9001:2000
CERTIFIED SUPPLIER

1 year warranty

Specifications & Ordering Information

Catalog number	WD-35625-10
Range	0 to 500°F (-18 to 260°C)
Accuracy	±2% or ±3°F (2°C) from 77 to 500°F (25 to 260°C); ±5°F (3°C) from 30 to 77°F (-1 to 25°C); ±7°F (4°C) from 0 to 30°F (-18 to -1°C)
Response time	500 msec, 95% response
Emissivity	Preset at 0.95
Laser sighting	Class II
Distance-to-spot-size ratio	8:1
Power	One 9 V battery (included)
Dimensions	7¼"L x 1¾"W x 1½"H

WD-35625-80 Carrying case