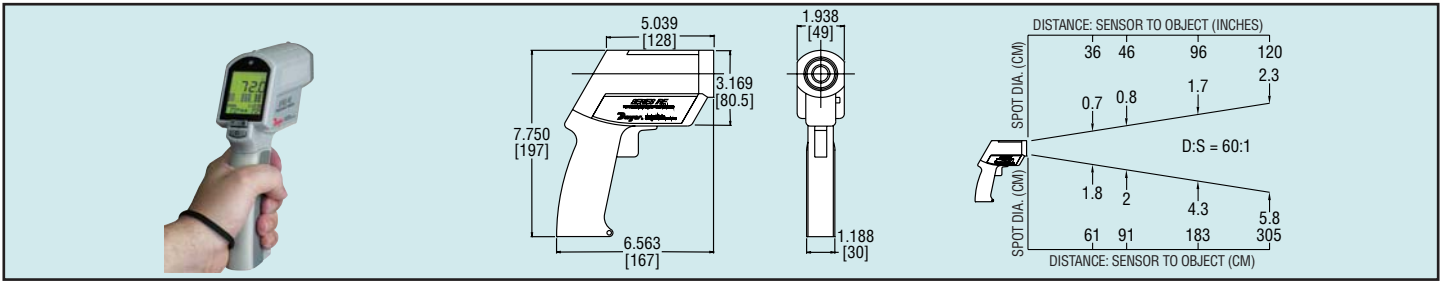




Series
IRE

Infrared Thermometer Expanded

Laser Sighting, $\pm 1\%$ Accuracy, Numeric and Graphical Display



Series IRE Infrared noncontact thermometer features a unique 3-point laser sighting with center aiming point that defines the area being measured. All models have a selectable °F or °C, adjustable emissivity, MIN and MAX temperature, audible and visible high alarm, and a bar graph display indicating the last ten measurements. Model IRE61-1 and IRE90 also features average and differential temperatures, thermocouple input, RS232 output, low alarm, and on-board emissivity tables for 30 preset materials. Use the data management software included with model IRE-61-1/IRE90 for graphing and analysis of temperature measurements. Model IRE90 also features an integral digital camera to simultaneously measure temperature and digitally photograph the measured area. Units include hard carrying case and instruction manual.

MODELS

Model Number	Description
IRE50-1*	Adjustable emissivity, MIN, MAX, Hi alarm, and bar graph
IRE61-1*	Adjustable emissivity, MIN, MAX, DIF, AVG, Hi/Lo alarm, t/c input, RS232, graph and tables (includes software, cables, Type K probe)
IRE90	Same as IRE61 and Integral Digital Photography Function

SPECIFICATIONS

Temperature Range: -25 to 1600°F (-32 to 900°C), selectable.
Accuracy: $\pm 1\%$ of reading or $\pm 1.5^\circ\text{F}$ ($\pm 1^\circ\text{C}$), whichever is greater.
Emissivity: Adjustable from 0.1 to 1.0.
Distance-to-Target Size Ratio: 60:1, nominal.
Laser Classification: 1 mW, meets FDA Class II requirements.
Display: 4-digit.
Resolution: 0.1°F or °C.
Response Time: 250 msec.
Power Requirements: Two AA alkaline batteries (included).
Repeatability: $\pm 0.5\%$ of reading or $\pm 1^\circ\text{F}$ ($\pm 1^\circ\text{C}$), whichever is greater.
Thermocouple Input: Type K or J (model IRE61-1 & IRE90 only).
Output: RS232 (model IRE61-1 & IRE90 only).
Computer Requirements: (For models IRE61-1 & IRE90 only): This product works with Windows® 98, Windows® 2000 or Windows® XP and one USB port.
Weight: 1.6 lb (480 g).
Agency Approvals: CE.

Accessories

No. IRE7, padded pouch and belt clip
 *For a NIST certified unit add suffix N to model number.

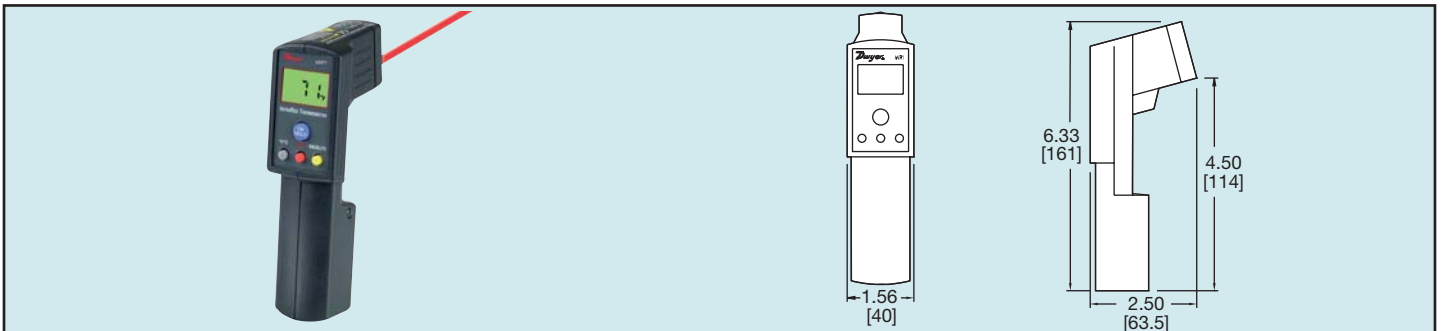
Temperature



Model
MIR1

Mini Infrared Thermometer

Laser Sighting, Measure Temperatures Up To 600°F (315°C)



Low cost, noncontact Model MIR1 Mini Infrared Thermometer is ideal for measuring the temperature of an object at a safe distance. Use the MIR1 to detect heat problems in equipment, machinery, or processes. Equipped with laser sighting to accurately pinpoint targets. The MIR1 features a 6:1 distance-to-target ratio, fixed emissivity, selectable °F or °C, display hold, and an LCD backlight.

Model MIR1 Mini Infrared Thermometer

ACCESSORIES

Model IR8SC Soft case with wrist strap

SPECIFICATIONS

Temperature Range: 0 to 600°F (-20 to 315°C).
Accuracy: $\pm 2\%$ of reading or $\pm 4^\circ\text{F}$ ($\pm 2^\circ\text{C}$) whichever is greater.
Emissivity: Fixed at 0.95.
Distance-to-Target Size Ratio: 6:1, nominal.
Laser Classification: Single Point.
Display: 3-Digit, 3/8" height.
Resolution: 1°C/°F.
Response Time: 0.5 seconds.
Ambient Operating Temperature: 32 to 122°F (0 to 50°C), 80% RH max.
Power Requirements: One 9V alkaline (included).
Power Current: 12 mA DC, approximate.
Sample Rate: 1 second, approximate.
Weight: 6.4 oz (200 g).
Agency Approvals: CE.