



Model
IRM20

Noncontact Infrared Thermometer

6:1 Distance-to-Target Size Ratio, Selectable °F or °C, Laser Sighting



The economical, handheld Model IRM20 Noncontact Infrared Thermometer is compact, rugged and easy to use—just aim, push the button, and read current surface temperatures in less than a second. Hot, hazardous, or hard-to-reach objects are safely measured without contact. The unit has a wide temperature range from 0 to 500°F (-18 to 260°C) and a distance-to-spot size ratio of 6:1. The LCD shows temperatures in switchable °F or °C, holds the reading for 7 seconds after the button is released and indicates when the battery is low. The IRM20 is ideal for industrial, electrical, heating and air conditioning, automotive and food safety.

Model IRM20, Noncontact Infrared Thermometer

SPECIFICATIONS

Measurement Range: 0 to 500°F (-18 to 260°C).

Operating Range: Ambient: 32 to 120°F (0 to 50°C).

Accuracy: ±2% of reading or ±3.5°F (±2°C) whichever is greater for targets at 30 to 500°F (-1 to 260°C); ±5°F (±3°C) for targets at 0 to 30°F (-18 to -1°C).

Repeatability: ±2% of reading or ±3°F (±2°C).

Resolution: 1°F/°C.

Response Time: 500 ms, 95% response.

Distance-to-Target: 6:1.

Emissivity: Fixed 0.95.

Battery: One 9V battery. 12 hours continuous use.

Storage Temperature: -4 to 150°F (-20 to 65°C) without battery.

Relative Humidity: 10-95% RH noncondensing up to 86°F (35°C).

Spectral Response: 7-18 μm.

Weight: 0.5 lb (227 g).

Agency Approvals: CE.