Thermometers, Infrared

**TEST EQUIPMENT**

475

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**Infrared Non-Contact Thermometer**

12:1 Distance-to-Target Ratio, Laser Sighting

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**SPECIFICATIONS**

- **Measurement Range:** -76 to 932°F (-60 to 500°C).
- **Operating Range:** 32 to 122°F (0 to 50°C).
- **Accuracy:** 2% of reading or 4°F (2°C), whichever is greater.
- **Resolution:** 0.1°F/0.1°C.
- **Response Time:** 1 s.
- **Distance to Target:** 12:1.
- **Emissivity:** 0.95 fixed.
- **Power Requirements:** (2) AAA alkaline batteries, included, user replaceable.
- **Battery Life:** 180 hours continuous use (auto power off after 15 sec).
- **Weight:** 3.61 oz (102 g).
- **Agency Approvals:** CE.

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The Model IR2 Infrared Temperature Thermometer allows users to economically take accurate measurements in hard to reach areas. Measurements can be taken at a safe distance with a 12:1 Distance to Target Ratio. The IR2 easily takes measurements within 2% accuracy using a built-in laser sighting. The fixed emissivity of 0.95 is perfect for measuring surface temperatures of concrete, asphalt, rubber or oxidized metals. Besides reading the process temperature, the back lit display also reads the maximum temperature seen. Excellent for monitoring surface temperatures of air ducts, boilers, engines or light fixtures.

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**Model IR2, Infrared Temperature Thermometer ............... $89.00**

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**Infrared Temperature Thermometer**

Up to 20:1 Distance-to-Target Size Ratio, Thermocouple Input

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**SPECIFICATIONS**

- **Measurement Range:** -76 to 932°F (-60 to 500°C).
- **Operating Range:** Ambient: 32 to 122°F (0 to 50°C).
- **Accuracy:** IR3: ±2% of reading or 4°F (2°C); IR4: ±1% of reading or 1.8°F (1°C), whichever is greater.
- **Resolution:** 0.1°F/0.1°C.
- **Response Time:** 1 s.
- **Distance to Target:** 12:1; IR4: 20:1.
- **Emissivity Range:** 0.95 adjustable; 0.5 to 1.0.
- **Additional Input:** Type K.
- **Power Requirements:** (2) AAA alkaline batteries, included, user replaceable.
- **Battery Life:** 180 hours (without laser or LCD backlight).
- **Weight:** 6.3 oz (179 g) with batteries.
- **Agency Approvals:** CE.

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The Model IR3 and IR4 Infrared Thermometers utilize infrared technology for precise, non-contact temperature measurement. For standard applications, the 12:1 distance to target ratio on the IR3 provides accurate measurements within 2% of reading. When measuring smaller objects or at greater distances, the 20:1 distance to target ratio of the IR4 can provide measurements within 1% of reading. Both models have single point laser sighting for aligning the beam to the target. In addition, both models can display maximum, minimum, differential and average temperature measurements. Adjustable emissivity allows the thermometers to measure the temperature of most surfaces without any external calculations. A K-type thermocouple can plug into the handle of the thermometers in order to take surface and internal temperatures simultaneously. Audible alarms can be used for safety checks.

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**Model IR3, Infrared Temperature Thermometer ............... $99.00**

**Model IR4, Infrared Temperature Thermometer ............... $125.00**

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**CALL TO ORDER | 800/872-9141**