**Infrared Non-Contact Thermometer**

**Model IR4**

20:1 Distance-to-Target Ratio, Thermocouple Input, Laser Sighting

For those long range applications, the IR4 Non Contact Infrared Thermometer is the perfect instrument. It has a distance to target ratio of 20:1 and laser sighting to accurately measure within 1% of reading. The adjustable emissivity allows this thermometer to measure the temperature of virtually any surface. There is no guessing when the battery is low as the IR4 has a battery indicator on its back lit display. This useful hand held has programmable low and high audible alarms built in. The IR4 accepts any K-type thermocouple to display both a IR and a contact reading simultaneously. MAX, MIN, DIF, and AVG can be displayed with a push of a button. Excellent for monitoring surface temperatures of air ducts, boilers, engines or light fixtures.

**SPECIFICATIONS**

- **Measurement Range:** -76 to 1400°F (-70 to 760°C).
- **Operating Range:** 32 to 122°F (0 to 50°C).
- **Accuracy:** 1% of reading or 1.8°F (1°C) whichever is greater.
- **Resolution:** 0.1°F/0.1°C.
- **Response Time:** 1 second.
- **Distance to Target:** 20:1 optics ratio.
- **Emissivity Range:** 0.95 default – adjustable 0.05 to 1.00 emissivity.
- **Additional Input:** K-type thermocouple.
- **Battery Life:** 2 AAA typical, 180 hours continuous use (auto power off after 15 seconds).
- **Weight:** 6.31 oz (179 g).
- **Agency Approvals:** CE.

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**Series IR6/IR7 Dual Laser Extended Range Infrared Thermometer**

Up to 50:1 Distance to Target Ratio

The Series IR6/IR7 Dual Laser Extended Range Infrared Thermometer is ideal for accurately measuring surface temperatures from long distances. This feature packed handheld device allows the user to read the maximum, minimum, average, and differential readings. The high and low alarms give audible and visual indication of the process temperature. When taking measurements in dark areas, a built-in white light can be used to illuminate the measurement area. For long term measurements, the unit includes a dual magnetic base attachment that allows hands-free measurements.

**SPECIFICATIONS**

- **Measurement Range:** IR6: -76 to 1600°F (-60 to 900°C); IR7: -76 to 1832°F (-60 to 1000°C).
- **Operating Range:** 32 to 122°F (0 to 50°C).
- **Accuracy:** ±2% of readings or 4°F (2°C) whichever is greater.
- **Resolution:** 0.1°F (0.1°C).
- **Response Time:** 1 second.
- **Distance to Target:** IR6: 30:1; IR7: 50:1.
- **Emissivity:** 0.95 default – adjustable 0.10 to 1.00 in 0.01 steps.
- **Battery Life:** 2 AAA, 180 hours continuous use.
- **Weight:** 13.62 oz (386.1 g).
- **Agency Approvals:** CE.

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**Model Comparison**

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<thead>
<tr>
<th>Model</th>
<th>Distance to Target Ratio</th>
<th>NIST</th>
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</thead>
<tbody>
<tr>
<td>IR6</td>
<td>30:1</td>
<td>No</td>
</tr>
<tr>
<td>IR7</td>
<td>50:1</td>
<td>No</td>
</tr>
<tr>
<td>IR6-NIST</td>
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<td>Yes</td>
</tr>
<tr>
<td>IR7-NIST</td>
<td>50:1</td>
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