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 max/min, 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.

**FEATURES/BENEFITS**
- Heavy-duty IR dual-laser thermometer with advanced temperature processing
- High-resolution optics
- Built-in LED flashlight

**APPLICATIONS**
- Measuring hot surfaces from a long, safe distance

**SPECIFICATIONS**
- **Measurement Range:** IR6: -76 to 1600°F (-60 to 871°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 s.
- **Distance to Target:** IR6: 30:1; IR7: 50:1.
- **Emissivity:** 0.95 default – adjustable 0.10 to 1.00 in 0.01 steps.
- **Power Requirements:** (2) AAA alkaline batteries, included, user replaceable.
- **Battery Life:** 180 hours continuous use.
- **Units:** User selectable °F or °C.
- **Weight:** 13.62 oz (386.1 g).
- **Agency Approvals:** CE.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Distance to Target Ratio</th>
<th>NIST</th>
</tr>
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<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>
<td>Yes</td>
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