**Series ST**

**Surface Mount Thermometer**

2” Dual Scale Dial, ±2% Full Scale Accuracy

Measure the temperature of boilers, air ducts, motors, bearings, furnaces or other surfaces with Series ST Surface Mount Thermometers. Dual magnet design allows easy mounting on any ferrous surface. Bi-metallic thermal sensing coil provides quick temperature measurement with ±2% full scale accuracy.

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST250</td>
<td>0 to 250°F (-20 to 120°C)</td>
</tr>
<tr>
<td>ST500</td>
<td>0 to 500°F (-20 to 260°C)</td>
</tr>
<tr>
<td>ST750</td>
<td>50 to 750°F (10 to 400°C)</td>
</tr>
</tbody>
</table>

**Housing Material:** Aluminum

**Accuracy:** ±2% full scale

**Sensing Element:** Bimetal coil

**Dial Size:** 2˝ (5.08 cm)

**Response Time:** Approximately one minute

**Mounting:** Two Alnico magnets on back

**Height:** 1/2˝ (1.27 cm)

**Weight:** 2 oz (56.7 g)

**APPLICATIONS**

Manifolds, platens, boilers, air ducts, furnaces, engines, motors, bearings, enclosures, cabinets, drums, plumbing, piping, refrigerators, and other ferrous surfaces.

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**Hot Water Thermometer**

Bi-Metal Type with Brass Separable Well

**Model HWT250**

The HWT250 Bi-Metal Thermometer is perfect for hot water applications. The dial has dual scales to read in °F and °C. There is an adjustment screw in the stem for easy calibration. Typical applications for the HWT250 would be heating coils, hydronic radiant in-floor systems, and outdoor wood furnaces.

**SPECIFICATIONS**

- **Wetted Materials:** Stem and well brass.
- **Housing Material:** Zinc plated brass.
- **Accuracy:** ±5°F (±2°C).
- **Range:** 30 to 250°F (0 to 120°C).
- **Lens:** Glass.
- **Temperature Limits:** Ambient: -40 to 250°F (-40 to 120°C).
- **Dial Size:** 2”