

**Dual  
Temperature  
Measurement**

**Dual K-type  
Thermocouple  
Temperature Head**  
*Model ATH4*



# **Fieldpiece**

**Professional-grade  
instruments for field service**

- Display T1, T2, or T1-T2.
- Fast readings in air or on contact.
- Select °C or °F
- Wrap wire on thermocouple tab for storage.
- Calibrate with ice water.
- Auto off to save battery life.
- Disable auto save for data logging.
- Recessed plugs for thermocouple stability.



# Dual Temperature Head

## Model ATH4

The ATH4 converts temperature sensed by the thermocouples to mVDC range. Set the meter to mVDC range and read temperature directly.

### Features

<b>Versatile</b>	<ul style="list-style-type: none"> <li>■ Display T1, T2, or T1-T2.</li> <li>■ K-type bead thermocouples measure air or surface temperature.</li> <li>■ Slide onto "stick" meter or, with AHDL1, use with most DMMs.</li> <li>■ Switch between °F and °C with the flip of a switch.</li> </ul>
<b>Rugged</b>	<ul style="list-style-type: none"> <li>■ Excellent performance as ambient temperature changes fast.</li> <li>■ Rugged mechanical design.</li> </ul>
<b>Easy to use</b>	<ul style="list-style-type: none"> <li>■ Auto off to extend battery life.</li> <li>■ Ice bucket calibratable from front panel.</li> <li>■ Plug has tab to wrap extra wire.</li> <li>■ Two, easy to use, easy to understand switches.</li> </ul>

### Specifications

<p>Auto-off:</p> <p>Accuracy* (at 75°F ± 5°F ambient T1 and T2. T1-T2 is for indication only.)</p> <p>System (after ice bucket calibration):</p> <p>Converter :</p> <p>Thermocouples:</p> <p>Environmental Operating temperature:</p> <p>Storage temperature:</p> <p>Probe insulation:</p>	<p>after 15 minutes. Disable using front panel switch.</p> <p>±1°F, -50°F to 165°F</p> <p>±2°F, 165°F to 350°F</p> <p>±3°F, 350°F to 1700°F</p> <p>±0.5%+3.6°F, -50°F to 1800°F</p> <p>±4°F or ±0.75%, whichever is greater, -30°F to 1500°F</p> <p>-30°F to 120°F</p> <p>-40°F to 140°F</p> <p>Teflon, to 500°F</p>
<p>* To calculate system accuracy if not calibrated together, add the accuracy specifications for the meter, the thermocouples, and the converter.</p>	

### Use it your way

