



# High Accuracy Handheld Thermometers

## Single and Dual Channel Models

### HH11C/HH12C Models



No Points

- ✓ **Highly Accurate Thermometer with 0.1% Basic Accuracy**
- ✓ **Thermocouple Offset Adjust**
- ✓ **HH12C: Dual Input T1, T2, T1-T2**
- ✓ **Rugged Protective Holster, Included**
- ✓ **Auto-Power Off**
- ✓ **MIN/MAX/AVG/REL/HOLD Functions**
- ✓ **Wide Measuring Ranges for Versatile Applications**

The HH11C and HH12C handheld thermometers feature Type K thermocouple inputs and are available in either single- or dual input models. The HH11C is a single-input model that has auto range resolution of 0.1 or 1°. The HH12C is a dual-input meter that allows the user to display T1, T2, or  $\Delta T$  ( $T_1 - T_2$ ) readings with 0.1 or 1° resolution. Both models have a 4½ digit display with a maximum reading of 19999, are °C/°F switchable and feature front-panel offset adjustment and maximum reading/display hold functions. Errors contributed by a particular thermocouple can be practically eliminated, over a limited range, by using the recessed offset adjustment on the face of the meter and an accurate temperature standard. An LED warning light indicates when an open thermocouple input situation exists. Both units also have improved temperature range and humidity specifications.

### Specifications

**Display:** 4½ digit liquid crystal display (LCD) with a maximum reading of 19999

**Low Battery Indication:** The "⚡" is displayed when the battery voltage drops below the operating level

**Measurement Rate:** 2.5 times/second

**Operating Environment:** 0 to 50°C (32 to 122°F) at <80% RH



HH11C shown smaller than actual size.



HH12C shown smaller than actual size.

### Weight (Approximately):

**HH11C:** 235 g (8.3 oz), including batteries

**HH12C:** 240 g (8.5 oz), including batteries

### Temperature Range:

**Range:** -200 to 1372°C (-328 to 2502°F)

**Autorange:** 0.1°C

**Accuracy:**  $\pm(0.1\% \text{ rdg} + 0.5^\circ\text{C})$  on -50 to 1372°C (-58 to 2502°F);  $\pm(0.1\% \text{ rdg} + 2^\circ\text{C})$  on -50 to -200°C (-58 to -328°F) Type K (Chromic-Alum)

**Storage Temperature:** -20 to 60°C (-4 to 140°F), 0 to 80% RH with battery removed from meter

**Accuracy:** Stated accuracy at 23°C (73°F)  $\pm 5^\circ\text{C}$ , <80% RH

**Battery:** 9V (included)

**Dimensions:** 185 H x 65 W x 35 mm D (7.3 x 2.6 x 1.4")

### To Order

Model No.	Description
HH11C	High accuracy single input digital thermometer
HH12C	High accuracy dual input digital thermometer

Comes complete with meter, rubber boot, 9V battery, NIST certificate (no points), appropriate number of beaded wire thermocouples and operator's manual.

**Note:** HH11C and HH12C accept the standard SMPW type connectors only. These units are not compatible with NMP connectors.

**Ordering Examples:** **HH11C**, single input Type K thermocouple meter.  
**HH12C**, dual input Type K thermocouple meter.