

Economical Digital Thermometer

Single- or Dual-Input Models with Type K Thermocouple Input

Upgraded Features!

HH11B/HH12B



Standard
No Points

- ✓ High 0.1% Basic Reading Accuracy
- ✓ °C/°F Switchable
- ✓ 0.1 or 1° Resolution
- ✓ Min/Max/AVG/REL and Hold Functions
- ✓ Front-Panel Offset Adjustment
- ✓ LED Indicator for Open Thermocouple Connection
- ✓ NIST-Traceable Certificate of Calibration (No Points)

The HH11B and HH12B handheld thermometers feature Type K thermocouple inputs and are available in either single- or dual-input models. The HH11B is a single-input model that has auto range resolution of 0.1 or 1°. The HH12B is a dual-input meter that allows the user to display T1, T2, or ΔT (T1 – T2) readings with 0.1 or 1° resolution. Both models 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.



Free Thermocouple Included!

These models include a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel). **Order a Spare!**
Model No. SC-TT-K-30-36.

HH11B,
single input.



HH12B,
dual input.



KTSS-HH, probe sold separately. Visit omega.



Specifications

Measurement Range:

-200 to 1372°C (-328 to 1999°F)
-199.9 to 199.9°C (-327.8 to 391.8°F)

Accuracy (Type K Chromium-Alum):

± (0.1% rdg + 1°C) on -60 to 1372°C
± (0.1% rdg + 2°C) on -60 to -200°C
± (0.1% rdg + 2°F) on -76 to 1999°F
± (0.1% rdg + 4°F) on -76 to -328°F

European Safety Standards:

IEC-1010 and CE - EMC

Temperature Coefficient:

0.1 times the applicable accuracy specification per °C from 0 to 18°C and 28 to 50°C

Display: 3½ digit LCD, maximum reading 1999

Sampling Rate: 2.5/s

Battery: 9V (included)

Battery Life: 200 hours typical

Dimensions: 210 H x 65 W x 33 mm D (8.3 x 2.4 x 1.4")

Weight: 254 g (9 oz)

To Order

Model No.	Description
HH11B	Single-input switchable 0.1 or 1° resolution
HH12B	Dual-input switchable 0.1 or 1° resolution
HH-MAG	Magnet strap hanger that affixes to rubber boot
SC-HH11A	Deluxe carrying case with holster and magnet hanger
CAL-3-HH	NIST-traceable calibration with points

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

Note: HH11B and HH12B accept the standard SMPW-type connectors only. These units are not compatible with NMP connectors.

Ordering Example: HH12B, dual-input Type K thermocouple meter.