

Thermocouple Thermometers

HH911T and HH912T



- ✓ Superior Accuracy
 $\pm(0.04\% |\text{rdg}| + 0.3^{\circ}\text{C})$
- ✓ Probe Offset
- ✓ 2000 Hour Battery Life
- ✓ Displays Real-Time Statistical Data
- ✓ Creative Ergonomic Design
- ✓ Tilt Stand/Magnet

OMEGA's new digital thermometers are compatible with Type K, J, T or E thermocouple probes to provide a wide range of temperature measurements from -250 to 1372°C (-418 to 2502°F). The HH911T and HH912T models offer single and dual channel inputs and boast a 2000 hour battery life using 3 AA batteries that are included. Both models provide a dependable and uninterrupted portable measurement capability without expensive batteries, AC adaptors or chargers.

The creative ergonomic design of these instruments makes them easy-to-read, hold, and clean. Designed for one-handed operation, these tools are comfortable to carry and use for extended periods of time.

Real-time statistical data increases user productivity, process efficiency and product quality. Displayed on-demand MIN, MAX, AVG, RNG and STDEV (standard deviation) provide critical process information and diagnostics that allow the user to analyze manufacturing processes on the fly and make immediate adjustments for maximum efficiency and quality. The temperature difference between Channel 1 and Channel 2 are also determined and displayed on demand.

OMEGA backs these durable instruments with a standard 3-year warranty and a 2-year calibration guarantee to ensure that your instrument is ready-to-use when you need it.

HH911T shown smaller than actual size.



HH912T shown smaller than actual size.



Specifications

Basic Accuracy: $\pm(0.04\% |\text{rdg}| + 0.3^{\circ}\text{C})$

Connector Type: Mini-TC

Probe Zero Function: Resolution 0.1°C/°F/K

Display: 4-digit auto-resolution (0.1/1) with backlight and function annunciators

Reading Rate: 3/sec for readings and TREND indicators

Battery Type: 3 "AA" (IEC LR6, ANSI 15) alkaline (included)

Battery Life: 2000 hours

Statistics: Min, Max, Avg, Rng, T1-T2 (HH912T only) and Std Dev

Clock: Elapsed statistics run time

Dimensions: 193 H x 84 W x 28 D mm (7.6 x 3.3 x 1.1")

Weight: 362.9 g (12.8 oz)

Warranty: 3 year parts and workmanship

Calibration: Guaranteed for 2 years

OPERATING ENVIRONMENT

Temperature: -20 to 55°C (-4 to 131°F)

Humidity: 5 to 95%, 10 to 30°C (50 to 86°F)

Altitude: 0 to 4600 m (0 to 15,092')

Vibration: Random 10 to 500 Hz, 0.03 g²/Hz

Shock: 30 g half sine

Drop: 4 drops from 1 m (3.3') to concrete

Thermocouple Type Temperature Ranges

Thermocouple Types	°C	°F	K
K	-200 to 1372	-328 to 2502	73 to 1645
J	-210 to 1200	-346 to 2192	63 to 1473
T	-250 to 400	-418 to 752	23 to 673
E	-250 to 1000	-418 to 1832	23 to 1273

To Order

Model No.	Description
HH911T	Thermocouple thermometer, single input, 1 Type K thermocouple
HH912T	Thermocouple thermometer, dual input, 2 Type K thermocouples

Comes complete with 1 Type thermocouple per channel, tilt stand/magnet/hanger, 3 "AA" batteries, quick start guide, NIST certificate (no points).

Ordering Example: HH911T, thermocouple thermometer, single input, 1 Type K thermocouple.