

HH931T and HH932T Series

1 & 2 Channel Thermocouple Data Logger with Free App



Highlights

- Free App for Bluetooth Connectivity
- MIL SPEC Shock, Drop and Vibration rated
- Datalogger and wireless transmission capability
- Superior Accuracy of $\pm(0.04\% \text{ rdg} + 0.3^\circ\text{C})$
- Waterproof keypad
- Probe Offset
- 1000 Hour Battery Life
- Tilt Stand/Magnet Included
- Creative Ergonomic Design
- Comes with NIST Traceable Certificate (no points)

Description

Omega HH931T and HH932T thermometers offer easy data logging functionality, allowing users to record and store up to 1000 time-stamped measurements on the device itself, or view/store/transfer data via Bluetooth through the TegaLink T mobile app (downloaded via the Apple or Google Play stores). This seamless connectivity allows the user to collect, transmit, and store accurate temperature data for analysis or compliance reporting.

The unit has a useful Min/Max function to record the lowest and highest reading for any one session. These meters are compatible with types K, J, T, E, N, R & S thermocouple probes. Each unit will last at least 1000 hours on batteries alone (batteries are included).

Specifications

Process Temperature Range	-200 °C to 1372 °C (-328 °F to 2502 °F), depending on thermocouple type selected
Basic Accuracy	±(0.04 % rdg, +0.3 °C)
Input Connector Type	Mini T/C
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
Battery Life	1000 hours
Statistics	Min, Max, Avg, Rng, T1-T2 (HH932T Only) and Std Dev
Clock	Real or elapsed time based on mode
Communication	Bluetooth low energy technology/version 4.0, 10 m (32.8 ft) range
Internal Data Storage	Last 1000 measurements with time stamp
Operating Temperature	-20 °C to 55 °C (-4 °F to 131 °F)
Dimensions	[H, W, D] 7.6 in x 3.3 in x 1.1 in (193 mm x 84 mm x 28 mm)
Weight	12.8 oz (362.9 g)

Order Guide

Model Number	Description
HH931T	Bluetooth® data thermometer, single input
HH932T	Bluetooth® data thermometer, dual input

Comes complete with 1 tilt stand/magnet hanger, 3 "AA" batteries, quick start guide, NIST traceable certificate (or other National Metrology Institute) No points.



Thermocouple Type	°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
B	600 to 1820	1112 to 3308	873 to 2093
N	-250 to 1300	-418 to 2372	23 to 1573
R	-50 to 1767	-58 to 3213	223 to 2040
S	-50 to 1767	-58 to 3213	223 to 2040



Thermocouple
NOT included

Tilt / Magnet / Hanger
stand included

HH931T shown smaller
than actual size

Issue no: OE_DS-HH931T-HH932T EN v1

