Handheld 2-Channel Thermometer with Data Logging

ΩE OMEGA®

HH147AU

1 YEAR WARRANTY

✔ **Thermocouple Types K, J, T, E, R, S, N**
✔ **Large Backlit LCD with 5-Digit Display**
✔ **Dual LCD Displays T1, T2 and T1-T2**
✔ **Max, Min, Avg, Time, Rel and Data Hold Functions**
✔ **Selectable °C/°F/°K Units**
✔ **Stores 300 Reading Manually**
✔ **Data Logging Capacity 14,000 Records**
✔ **Auto Power-Off with Disable Function**
✔ **Hi/Lo Audible Alarm Functions**

The HH147AU is a 2-channel thermometer with data logging capabilities and a capacity of 14,000 records. It offers an wide array of value added features including: accepting 7 different thermocouple types, large backlit LCD with 5-digits, dual displays (T1, T2 or T1-T2) with the maximum reading of 9999.9, relative (REL) measurement, selectable °C/°F/K units, stores 300 readings manually, max/min/avg/time and data hold functions, auto power-off with disable function, and hi/lo audible alarm functions. A USB PC serial interface is also included for connection.

This unit can be used in a wide variety of applications:

HH147AU, shown smaller than actual size.

Applications
✔ **Logistics**
✔ **Industrial**
✔ **Refrigeration**
✔ **Laboratory**
✔ **Ventilation**
✔ **Automotive**
✔ **Storage**
✔ **Agriculture**
✔ **Biotechnology**
✔ **Chemical Industry**
✔ **Food Processing**
✔ **Energy Management**

Specifications
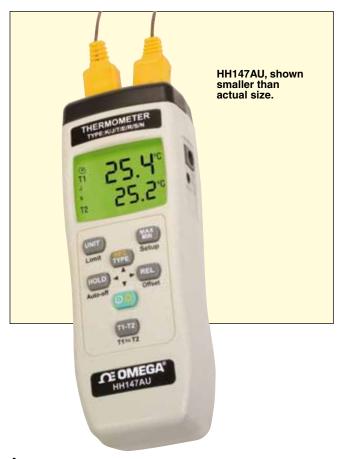*Accuracy is specified for ambient temperatures between 18 to 28°C (64 to 82°F).*

Thermocouple Ranges:
K Type: -200 to 1372°C (-328 to 2501°F)
J Type: -210 to 1200°C (-346 to 2192°F)
T Type: -250 to 400°C (-418 to 752°F)
E Type: -210 to 1000°C (-346 to 1832°F)
R/S Type: 0 to 1767°C (32 to 3212°F)
N Type: -150 to 1300°C (-238 to 2372°F)

Resolution:
K / J / T / E / N Type: 0.1
R/S Type: 1

Accuracy:
K / J / T / E / N Type: ±(0.05% rdg, 0.7°C/1.4°F) -250 to -100°C (-418 to -148°F)
±(0.05% rdg, 0.6°C/1°F) -100 to 1372°C (-148 to 2501°F)
R/S Type: ±(0.05% rdg, 2°C/4°F) 0 to 1767°C (32 to 3212°F)

Temperature Coefficient: 0.01% 0.03°C of read value/°C (0.06°F/°F) outside 18 to 28°C (64 to 82°F) specified range [Under -100°C (-148°F): 0.04% of read value added to K, J, T, E, and 0.08% read value added to N]

Temperature Scale: ITS-90

Battery Life: Approximately 100 hours

Operation and Storage Temperature and Humidity: 0 to 50°C (32 to 122°F), < 80% RH

Dimensions: 155 L x 56 W x 40 D mm (6.10 x 2.20 x 1.57")

Weight: Approximately 170 g (0.37 lb)

USB PC Serial Interface: Windows® XP/7/8/10

* The above specifications do not include error of thermocouple

To Order

Model No.	Description
HH147AU	2-channel thermometer with data logging

Comes complete with 9V battery, soft carrying case, 2 type K T/C's, power adapter, USB cable, CD and operator's manual.