



# Four-Channel, Handheld Data Logger Thermometer With USB Interface

HH147U



# DISCONTINUED

Optional RS232

Standard No Points

- ✓ 4 Backlit Displays
- ✓ Resolution 0.1°C/0.1°F, 1°C/1°F
- ✓ Functions: °C/°F/K, Max, Min, Avg, Hold, Rel, Limit, Hi/Lo, Type, Count, Time, Clock, Channel, T1-T2, T3-T4, Backlight, RS232, Rec, Call
- ✓ NIST-Traceable Certificate of Calibration (No Points)
- ✓ Auto Power-Off, Low Battery Indication
- ✓ USB Interface with Windows Software (Optional RS232 Cable Available)
- ✓ 10,000 Record Data Logger
- ✓ CALL-Fit to Quick-Read Memory Data (50 Pages/Second)
- ✓ Perpetual Calendar Function
- ✓ CE-Mark Approval (Conforms to ITS-90)
- ✓ Battery Life: 550 hr



HH147U shown with SPHT-K-6, 6" Type K surface probe.

The OMEGA® HH147U is a rugged, easy-to-use thermometer with 4 standard miniature connector inputs. It accepts 7 different thermocouple types and displays all 4 inputs at the same time. It also provides differential temperature measurement readings of T3-T4, as well as individual readings of the 4 inputs. Other features are a low battery indicator, perpetual calendar, and auto power-off.

## Specifications

### Thermocouple Range:

- Type K: -100 to 1300°C (-148 to 2372°F)
- Type J: -100 to 1000°C (-148 to 1832°F)
- Type E: -50 to 800°C (-58 to 1472°F)

- Type T: -100 to 400°C (-148 to 752°F)
- Type R/S: 0 to 1700°C (32 to 3092°F)
- Type N: -100 to 1300°C (-148 to 2372°F)

### Accuracy

(18 to 28°C Ambient):

#### Type K/J/E/T:

- ±(0.1% rdg + 0.7°C) -100 to 1300°C
- ±(0.1% rdg + 1.4°F) -148 to 2372°F

#### Type R/S:

- ±(0.1% rdg + 2°C) 0 to 1700°C
- ±(0.1% rdg + 4°F) 32 to 3092°F

#### Type N:

- ±(0.1% rdg + 1.5°C) -100 to 1300°C
- ±(0.1% rdg + 3°F) -148 to 2372°F

### Operating Temperature and Humidity:

0 to 50°C (32 to 122°F), 0 to 80% RH

### Storage Temperature and Humidity:

-20 to 60°C (-4 to 140°F), 0 to 80% RH

### Power Requirement:

4 "AAA" batteries (included)

### Input Protection at Thermocouple

Input: 4 Vac/Vdc maximum

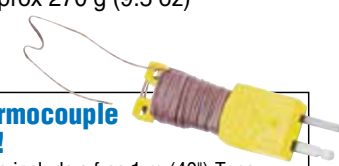
### Dimensions (Without Holster):

164 H x 76 W x 32 mm D (6.4 x 3 x 1.25")

Weight: Approx 270 g (9.5 oz)

### 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.



To Order	
Model No.	Description
HH147U	4-channel data logger thermometer
SPHT-K-6	150 mm (6") Type K surface probe
HH147U-RS232CABLE	Optional RS232 cable
HH147U-USB	Spare USB cable
SC-TT-K-30-36	1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy

Comes complete with 4 beaded wire Type K thermocouples (1 per channel), rubber boot, 4 "AAA" batteries, software, USB cable and NIST certificate (no points), and operator's manual.

**Ordering Examples:** HH147U, data logger thermometer and SPHT-K-6, Type K general purpose surface probe. OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years.



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.