



# 4-Channel Handheld Data Logger Thermometer With USB Interface

HH378



No Points

- ✓ Auto Range
- ✓ USB Interface with Windows® Software
- ✓ LED Back Light
- ✓ HOLD Function
- ✓ 4-Channel Input
- ✓ J, K, E, T Thermocouple Types
- ✓ 4-Channel Display Resolution
- ✓ 0.1°C (0.1°F) with Windows Software
- ✓ MAX/MIN/AVG Function
- ✓ Auto Shut-Off for Battery Saving
- ✓ 16,000 Records per Channel

The HH378 has a high resolution and fast analog-to-digital converter. Measurements settings and results are shown on the backlit LCD display. Data can be stored in the meter or directly saved on a computer through PC interface. Recorded data can be further processed on a computer. With the exclusive software, recording/recalling of data and programming of logging parameters can be done directly through a PC.

## Specifications

### Measurement Range:

- K: -200 to 1372°C (-328 to 2501°F)
- J: -150 to 1000°C (-238 to 1832°F)
- E: -150 to 750°C (-238 to 1382°F)
- T: -180 to 400°C (-292 to 752°F)

**Input Protection:** 250 Vac

**Resolution:** 0.1°C/°F <1000, 1°C/°F ≥1000

**Accuracy:** ±(0.1% of reading + 0.7°C) ±(0.1% of reading + 1.4°F)

**Below -100°C (-148°F):**

- ±(0.4% of reading + 0.7°C)
- ±(0.4% of reading + 1.4°F)

### Temperature Coefficient:

0.01% of reading + 0.05°C per °C (<18°C or >28°C)

**Sample Rate:** 1 time per second

**Battery Type:** 9V battery (included)

**Battery Lifetime:** Approximately 30 hours (alkaline battery)

**AC Adaptor:** 9 Vdc (8 to 10 Vdc maximum)

**Operating Temperature:** -10 to 50°C (14 to 122°F)

**Operating Humidity:** 10 to 90% RH (no condensing)

**Storage Temperature:** -40 to 60°C (-40 to 140°F)

**Storage Humidity:** 10 to 75% RH

### Dimensions:

196 H x 65 W x 36 mm D (7.72 x 2.56 x 1.42")

### Approximate Weight:

310 g (10.93 oz)

**System Required:** Windows NT 4.0/NT2000/XP/Vista/Windows 7



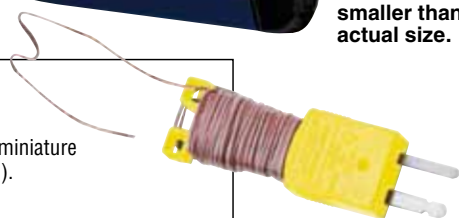
OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.



HH378 shown smaller than actual size.

### Free Thermocouples Included!

This model includes 4 free 1 m (40") Type K insulated beaded wire thermocouples with subminiature connector and wire spool caddy (1 per channel). Order a Spare! Model No. SC-GG-K-30-36



**To Order Visit [omega.com/hh378](http://omega.com/hh378) for Pricing and Details**

Model No.	Description
HH378	4-channel handheld data logger thermometer

### Accessories (Field Installable)

Model No.	Description
HH300-ADAPTOR	Power adaptor (115 Vac)
HH300-CABLE-USB	Spare USB interface cable

Comes complete with 4 beaded wire Type K thermocouples, 9V battery, hard carrying case, software, USB cable, NIST certificate, and operator's manual.

**Ordering Example:** HH378, 4-channel data logger thermometer.

OCW-3, OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years.

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