4-Channel Handheld Data Logger Thermometer
With USB Interface

OMEGA™

HH378

1 YEAR WARRANTY **NIST** No Points **CE** **RoHS**

✔ **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 Adapter: 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)

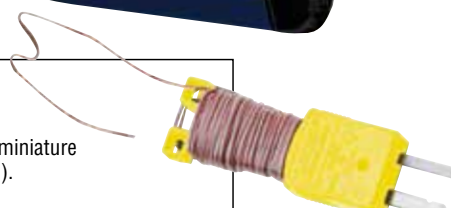**System Required:** Windows NT 4.0/ NT2000/XP/Vista/Windows 7

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

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

Accessories (Field Installable)

Model No.	Description
HH300-ADAPTER	Power adapter (115 Vac)
HH300A-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.*