

# Temperature/Humidity Handheld Meter with Datalogging

## OMEGAETTE™

HH314 shown with 88001K probe, sold separately (see Section A).

HH314  
**\$295**  
 All Models



- ✓ Triple Display
- ✓ Temperature/Humidity Probe
- ✓ Second Temperature Input
- ✓ 16,000 Records Datalogger
- ✓ Software included
- ✓ RS232 Interface
- ✓ Time Function
- ✓ MIN/MAX/HOLD Functions
- ✓ Resolution 0.1
- ✓ Auto Power-Off

The HH314 is a low cost, high performance handheld meter with datalogging ability. It offers a triple display to show the temperature and humidity from a handheld probe and can display data from a separate K type thermocouple connected via a standard SMP type miniature connector to the T2 input. The temperature/humidity probe uses a semiconductor and polymer capacitive sensor. A software package and interface cable is included to allow real time or recorded data to be read by a PC through the RS232 port.

### Specifications

**Operating Environment:** 0 to 50°C (32 to 122°F), 0 to 90% non-condensing

**Range:** 0 to 100% RH, -20 to 60°C (-4 to 140°F)

**T2 Range:** -200 to 1370°C (-328 to 2498°F)

**Resolution:** 0.1 (except T2 for -200 > T2 > 200)

**Accuracy:** ±2.5% RH at 25°C, ±0.7°C (±1.4°F)

**T2 Accuracy:** ±[0.5% rdg ±1°C (2°F)]

**Humidity Response Time:** 75 sec in slowly moving air

**T1 Response Time:** 40 sec in slowly moving air

**Storage:** 16,000 data records

**Logging Interval:** 1 to 3599 seconds

**Meter Dimensions:** 186 x 64 x 30 mm (10.8 x 2.5 x 1.2")

**Probe Dimensions:** 190 x 15 mm (7.5 x 0.6")

**Storage Environment:** -10 to 60°C (14 to 140°F), 0 to 80% non-condensing

**Power Requirements:** One 9 V battery (included), AC adapter 9 Vdc 10 mA min

**Plug Diameter:** 3.5 x 1.35 mm

**RS232:** 9600 bps, N, 8,1 serial interface

**Battery Life:** Approx 100 hours with alkaline battery

**Weight:** Approx 320 g (11.3 oz)



**AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model No.	Price	Description
HH314	\$295	Temperature/humidity handheld meter
HH300-ADAPTER	15	Power adaptor (115 V)
HH300-CABLE	18	RS232 interface cable

Comes with hard carrying case, 9 V battery, beaded thermocouple (for T2 input), calibration certificate, RS232 interface cable, windows software, manual.

**Ordering Example:** HH314, temperature/humidity handheld meter, \$295.



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