Temperature/Humidity Handheld Meter with Datalogging

**OMEGAETTE™** 

✓ 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:**  $\pm 2.5\%$  RH at 25°C,  $\pm 0.7$ °C ( $\pm 1.4$ °F)

T2 Accuracy:  $\pm [0.5\% \text{ rdg } \pm 1^{\circ}\text{C } (2^{\circ}\text{F})]$ 

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  $(7.5 \times 0.6)$ ") Storage Environment: -10 to 60°C (14 to 140°F),

0 to 80% non-condensing

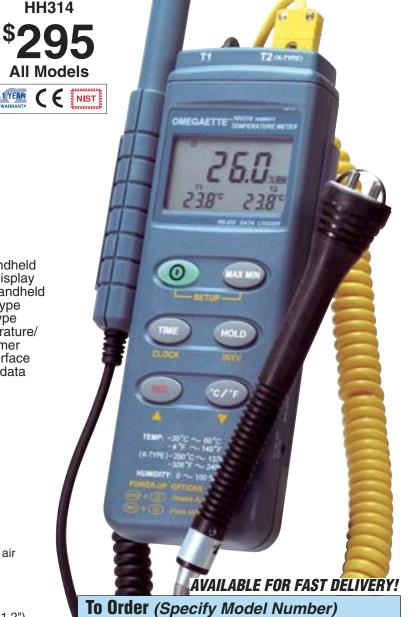
Power Requirements: One 9 V battery (included), AC

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)



HH314 shown with 88001K probe, sold separately (see

Section A).

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

Price

\$295

**Description** 

handheld meter

15 | Power adaptor (115 V)

18 RS232 interface cable

Temperature/humidity

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

Model No.

**HH300-ADAPTER** 

HH300-CABLE

**HH314** 

Your One-Stop Source for Process Measurement and Control!

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