

Temperature/Humidity Handheld Meter with Data Logging

OMEGAETTE™

Includes USB and RS232 Interfaces

- ✓ Triple Display
- ✓ Temperature/Humidity Probe
- ✓ Second Temperature Input
- ✓ 16,000 Records Data Logger
- ✓ Software Included
- ✓ USB and RS232 Interfaces
- ✓ Time Function
- ✓ MIN/MAX/HOLD Functions
- ✓ Resolution 0.1
- ✓ Auto Power-Off
- ✓ Mini-Tripod Included

HH314A



No Points Standard

The HH314A is a low cost, high performance handheld meter with data logging 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. Windows® based software (Windows 98, NT, XP, ME, Vista) and interface cables are included to allow real time or recorded data to be read by a PC through the USB or 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 H x 64 W x 30 mm D (7.3 x 2.5 x 1.2")

Probe Dimensions: 190 x 15 mm (7.5 x 0.6"), cable stretches to 1.5 m (5')

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

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

Plug Dia: 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)

Free Thermocouple Included!

This model includes a free 1 m (40') Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy. **Order a Spare! Model No. SC-TT-K-30-36.**



To Order

Model No.	Description
HH314A	Temperature/humidity handheld meter
HH300-ADAPTER	Power adaptor (115V)
HH300-CABLE	RS232 interface cable (spare)
HH300-CABLE-USB	USB interface cable (spare)
MINI-TRIPOD	Spare mini-tripod expands 142 to 279 mm (5.6 to 11")

Comes complete with hard carrying case, mini-tripod, 9V battery, beaded thermocouple (for T2 input), calibration certificate, USB and RS232 interface cables, Windows software, and operator's manual.

Ordering Example: HH314A, temperature/humidity handheld meter.