

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
\$319



No Points Standard

HH314A, \$319.



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

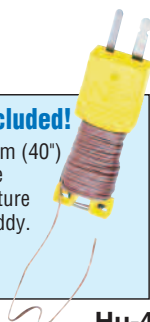
RS232: 9600 bps, N, 8, 1 serial interface

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-GG-K-30-36, \$15.**



AVAILABLE FOR FAST DELIVERY!

| To Order (Specify Model Number) | | |
|---------------------------------|-------|--|
| Model No. | Price | Description |
| HH314A | \$319 | Temperature/humidity handheld meter |
| HH300-ADAPTER | 18 | Power adaptor (115V) |
| HH300-CABLE | 18 | RS232 interface cable (spare) |
| HH300-CABLE-USB | 18 | USB interface cable (spare) |
| MINI-TRIPOD | 12 | 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, \$319.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters