

# Temperature/Humidity Handheld Meter with Data Logging

**TRODEXETTE™**

**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.**



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HH314A



## 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.