

# Temperature/Humidity Handheld Meter

Available in USB or RS232 Interfaces

**OMEGAETTE™**

Choice of USB or RS232 Interface

HH311



- ✓ Triple Display
- ✓ Temperature/Humidity Probe
- ✓ Second Temperature Input
- ✓ Choice of RS232 or USB Interfaces
- ✓ Timer and REL Functions
- ✓ MIN/MAX/HOLD Functions
- ✓ Resolution 0.1
- ✓ Auto Power-Off
- ✓ Mini-Tripod Included

The HH311 is a low cost, high performance handheld meter. 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. Optional software packages are offered to allow data to be read by a PC through either RS232 or USB cables.

## Specifications

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

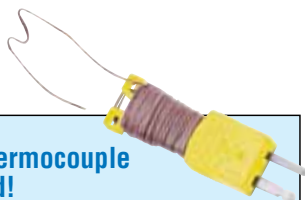
**T2 Range:** -200 to 1370°C (-328 to 2498°F)

**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 seconds in slowly moving air  
**T1 Response Time:** 40 seconds in slowly moving air  
**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')  
**Operating Environment:** 0 to 50°C (32 to 122°F), 0 to 90% non-condensing  
**Storage Environment:** -10 to 60°C (14 to 140°F), 0 to 80% non-condensing  
**Power Requirements:** One 9V battery (included), AC adapter 9 Vdc 10 mA minimum  
**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)



HH311.



**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.

To Order	
Model No.	Description
HH311	Temperature/humidity handheld meter
HH310-SW	Software and RS232 interface cable
HH310-SW-USB	Software and USB interface cable
KTSS-HH	Type K immersion probe (not shown)
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, and operator's manual.

**Ordering Example:** HH311, temperature/humidity handheld meter.