

# THERMO-HYGROMETER

## VERY HIGH PERFORMANCE



- ✔ 3-Year Warranty
- ✔ Unique Dual Display for Simultaneous Indication of BOTH Temperature and Relative Humidity
- ✔ Dual Simultaneous Analog Outputs for Temperature and Relative Humidity
- ✔ °C/°F Switchable
- ✔ Display Hold
- ✔ Min/Max Storage
- ✔ Sleep Mode to Prolong Battery Life
- ✔ Digital % RH and Temperature Calibration for Accuracy and Repeatability

### Specifications

#### HUMIDITY MEASUREMENT

**Range:** 2 to 98% RH

**Accuracy:** 3% @ 25°C, between 20 and 90% of range; 5% @ 25°C, below 20% or above 90%

**Sensor:** Resistive polymer

**Response Time:** 30 seconds for a 30 to 80% step change

**Display Resolution:** 1% RH

#### TEMPERATURE MEASUREMENT

**Range:** -17 to 48°C; 2 to 120°F

**Accuracy:** 0.5°C/1°F

**Sensor:** Solid state

**Response Time:** 3 m for 63% step change

**Display Resolution:** 1°C/1°F

#### DISPLAY FUNCTIONS

**Indication:** Continuous, for both temperature and humidity

**Min/Max:** Storage of high and low readings for both temperature and humidity; user reset to clear stored values at any time

#### ANALOG OUTPUTS

**Types:** 10 mV/°F and 10 mV/%RH, continuous output; connected to >47 kΩ impedance

**Connections:** Standard banana plug; common ground connector for both outputs

#### MECHANICAL

**Dimensions:** 180 x 81 x 60 mm (7.1" x 3.2" x 2.4")

**Probe:** 12.7 mm x 76.2 mm (0.5" x 3")

**Weight:** 400 g (14 oz)

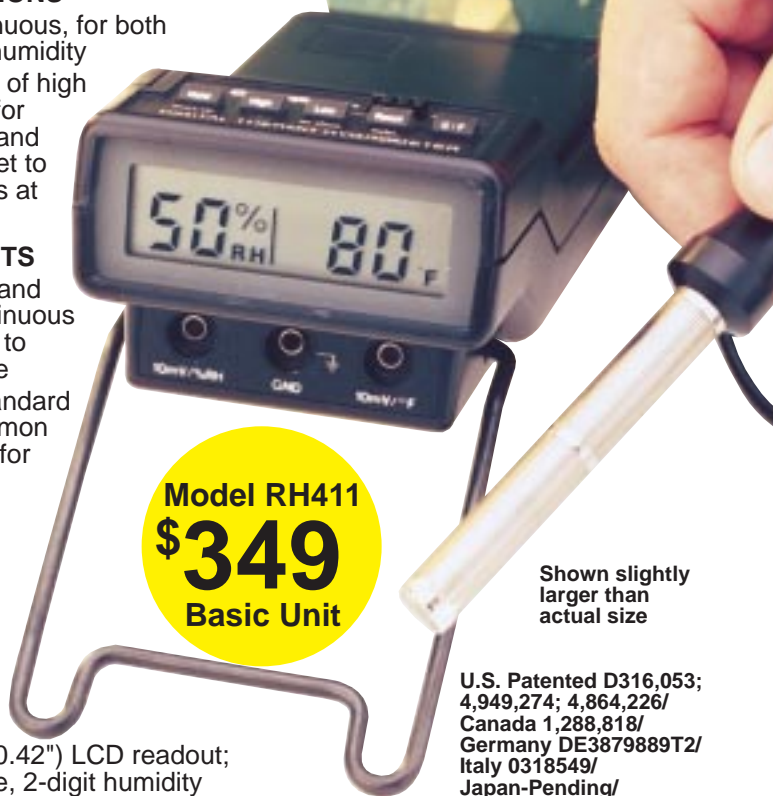
**Display:** 11 mm (0.42") LCD readout; 3-digit temperature, 2-digit humidity indication; custom indicators for measurement units (%RH, °F, °C, min, max, reset, display hold and low battery)

**Meter Ambient Conditions:** 10 to 40°C (50 to 104°F); 0-90% RH, non-condensing

**Power:** 9 V battery included and 110 Vac adaptor included

**Battery Life:** 100 h, alkaline battery

**Sleep Mode:** Unit shuts off after 15 minutes if no buttons are pushed.



Model RH411  
**\$349**  
Basic Unit

Shown slightly larger than actual size

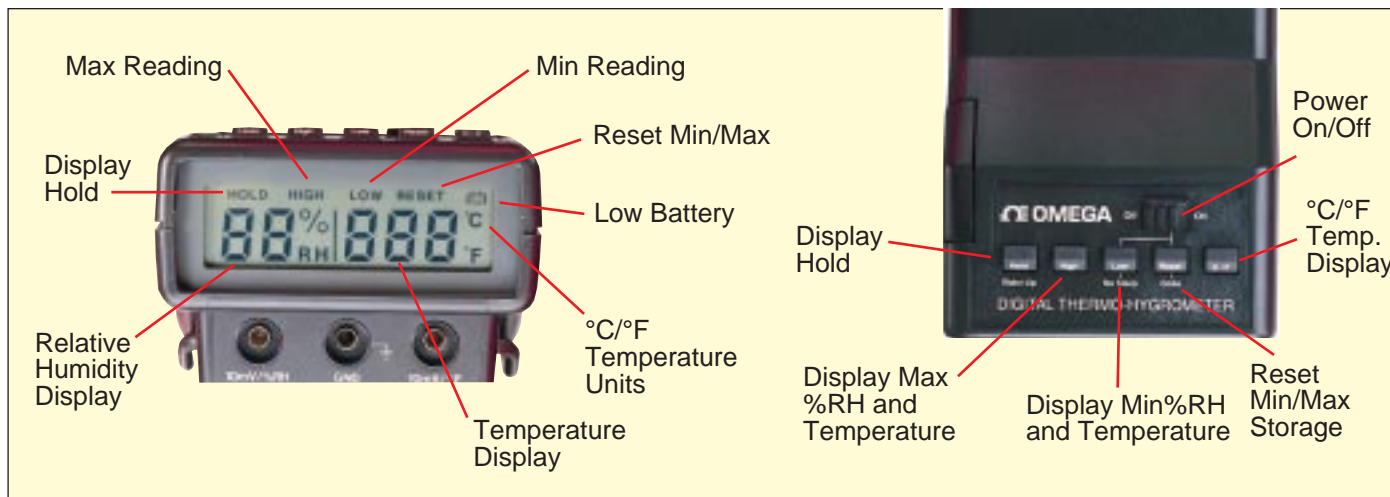
U.S. Patented D316,053;  
4,949,274; 4,864,226/  
Canada 1,288,818/  
Germany DE3879889T2/  
Italy 0318549/  
Japan-Pending/  
UK0318549

#### To Order (Specify Model No.)

Model No.	Price	Description
RH411	\$349	Temperature /Rel Humidity Indicator*

\*RH411 supplied with handheld temperature/humidity sensor with 5' cable, 9 V battery, 110 V ac adaptor and operator's manual.

**Ordering Example:** RH411 digital temperature/humidity indicator \$349.





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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

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### • Heaters

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