

Thermo-Hygrometer

Very High Performance - Large Display

The RH411 comes complete with handheld temperature/humidity probe with 1.5 m cable, ac adapter, 9 V battery and operator's manual

Shown actual size



Model RH411
£234
Basic Unit



- ✓ Dual Display for Simultaneous Indication of BOTH Temperature and Relative Humidity
- ✓ Dual Simultaneous Analogue 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
- ✓ Companion Full Function Multi-Meter Available

U.S. Patented D316,053;
4,949,274; 4,864,226/
Canada 1,288,818/
Germany DE3879889T2/
Italy 0318549/
Japan 2,614,507; 2,092,876
UK0318549





Dual analogue outputs from the RH411 can be used to provide hard copy recordings of temperature and humidity readings on a dual-channel recorder.



Companion Full Function, Very High Performance Digital Talking Multimeter/Thermometer Available. Model HHM2IR Shown. See Page H-13

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: ± 0.56°C
Sensor: Solid state
Response Time: 3 m for 63% step change
Display Resolution: 1°F/1°C

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

ANALOGUE OUTPUTS

Types: 10 mV/°F and 10 mV/%RH, continuous output; connected to >47kohm 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: 14 oz (400 g)

Display: 11 mm (0.425") 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; ac adapter included

Battery Life: 100 h, alkaline battery

Sleep Mode: Unit shuts off after 15 minutes if no buttons are pushed. User defeat on power up

Replacement Parts

Model Number	Price	Description
RH411-RP	£48.00	Replacement Probe
HHM1-AC-UK	13.75	230 V ac Adapter with UK Plug
HHM1-AC-EU	13.75	230 V ac Adapter with Euro Plug
HHM1-S	8.20	Soft Carry Case
MN1604	1.20	9 V Battery
CAL-80	63.00	Calibration Certificate

To Order (Specify Model Number)

Model No.	Price	Description
RH411-220V*	£192	Digital Temperature/Humidity Indicator 230Vac Operation
RH411*	192	Digital Temperature /Humidity Indicator for 110vac Operation

*RH411 supplied complete with handheld temperature/humidity sensor with 1.5 m cable, 9 V battery, adapter and operator's manual.
Ordering Example: RH411-220V digital temperature/humidity indicator £192.



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• Flow and Level

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• Heaters

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