Multifunctional Environmental Meter

**RH87**

£172

- Measure Air Velocity (FPM) and Air Volume (CFM)
- Measure Sound in dB
- Measure Temperature and Humidity (°F/°C)
- Measure Light (Lux)
- Standard and Metric Units
- Backlit LCD Display
- Min/Max/Avg/DIF Modes
- Data Hold
- Auto-Ranging
- Auto Power Off
- Low Battery Indicator
- One-Hand Operation
- Air Measurement Set-Up and Register CFM
- Chart Included
- Carrying Case Included
- Mini-Tripod Included

The RH87 is a digital multifunctional environmental meter which combines the function of sound level, luminometer, relative humidity meter, temperature meter and anemometer.

**Specifications**

- **Power Requirements:** 9V battery (included)
- **Low Battery Indication:** Displayed
- **Display:** 4½ digit backlit LCD
- **Response Time:** 2/second (app.)
- **Operating Temperature:** -10 to 60°C (14 to 140°F)
- **Storage Temperature:** -10 to 50°C (14 to 122°F)
- **Weight:** 430 g (15.3 oz)
- **Dimensions:** 280 L x 89 W x 50 mm H (11 x 3.5 x 2”)
- **Range Resolution Accuracy**
  - **Temperature:** -10 to 60°C (14 to 140°F) 0.1°C (0.1°F) ±1.5°C (±2.7°F)
  - **Relative Humidity:** 20 to 80% RH 0.1% RH ±3% RH @ 750°F
    - < 20% RH and > 80% RH 0.1% RH ±5% RH @ 75°F
  - **Sound Level:** 30 dB to 130 dB 0.1 dB ±1.5 dB
  - **Light Level:** 0 to 2000 Lux 1 Lux ±5% of Rdg plus 10, 2001 Lux to 20,000 Lux 10 Lux ±5% of Rdg plus 10, 20,001 Lux to 50,000 Lux 100 Lux ±5% of Rdg plus 10
  - **Air Flow:** 1.6 to 65.7 ft/s 0.1 ft/s ±3% of Rdg plus 10, 0.5 to 20 m/s 0.1 m/s ±3% of Rdg plus 10, 0.9 to 38.9 knots 0.1 knots ±3% of Rdg plus 10, 1.8 to 72 km/h 0.1 km/h ±3% of Rdg plus 10
  - **Air Volume:** 0 to 999,900 CFM 0.1 to 100 CFM ±3% of Rdg plus 10, 0 to 999,900 CMM 0.1 to 1000 CMM ±3% of Rdg plus 10

**To Order** (Specify Model Number)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RH87</td>
<td>£172</td>
<td>Environmental handheld meter</td>
</tr>
</tbody>
</table>

Comes complete with carrying case, portable mini-tripod, operator’s manual and 9V battery, Ordering Example: RH87, environmental meter, £172.
More than 100,000 Products Available!

- **Temperature**

- **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**
  Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet 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, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

- **Heaters**