The OM-CP-PRHTEMP2000 is perfect for applications requiring instant remote readings of environmental parameters, including temperature, humidity and atmospheric pressure. The 8-button keypad and large LCD provide convenient access to current data and recorder setup. Additionally, memory and battery levels, external power status, sampling and recording status are shown on the LCD. Available on-screen data includes: statistics (min, max, average) for all three channels; recording status (start, stop and recording rate); display options (channels shown, units, text size); and calibration information (date calibrated, date for recalibration). Statistics can be cleared at any time during logging.

With 87,381 readings per channel, the OM-CP-PRHTEMP2000 has one of the largest memory capacities of any similar data recorder on the market. The non-volatile memory will retain recorded data, even if AC and battery power are lost.

The OM-CP-PRHTEMP2000 typically runs up to one month on a user-replaceable 9V battery (at a 1-minute reading rate with continuous LCD usage and no backlight). For further power savings, both the LCD and backlight have configurable auto-off options. Those wanting to keep the LCD display and backlight continuously active need only to plug the unit to an optional AC power supply, keeping the 9V battery (included) connected as a back-up. NIST traceable calibration is available for users needing to meet regulatory requirements. Creating permanent records, performing data calculations, and the graphing of data is quick and easy: Simply connect the interface cable to an available USB or serial port and, with a few clicks of the mouse, data is downloaded and ready for review or export to Excel.

**Specifications**

**TEMPERATURE**
- Range: -20 to 60°C (-4 to 140°F)
- Resolution: 0.1°C
- Calibrated Accuracy: ±0.5°C (0 to 50°C)

**HUMIDITY**
- Range: 0 to 95% RH non-condensing
- Resolution: 0.1% RH
- Calibrated Accuracy: ±3% RH (±2% RH typical at 25°C)

**PRESSURE**
- Range: 0 to 30 psia
- Resolution: 0.002 psia
- Calibrated Accuracy: ±1.0% FSR at 25°C; ±0.2% typical

**DOT-MATRIX LCD**
- Dimensions: 35 H x 63 mm W (1.375 x 2.5”)
- Text: Configurable channel text size
- Indicators: Power, status, memory
- Backlight: Configurable w/auto shut-off and contrast adjustment
- Start/Stop Time: Software programmable start time and date, up to six months in advance; programmable stop time
- Memory: 87,381 readings per channel for a total of 262,143 total readings; software configurable memory wrap
**To Order (Specify Model Number)**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OM-CP-PRHTEMP2000</td>
<td>$499</td>
<td>Pressure, humidity and temperature data logger with with LCD display</td>
</tr>
<tr>
<td>OM-CP-PRHTEMP2000-CERT</td>
<td>679</td>
<td>Pressure, humidity and temperature data logger with with LCD display and NIST calibration certificate</td>
</tr>
<tr>
<td>OM-CP-IFC110</td>
<td>99</td>
<td>Windows software and 1.2 m (4') RS232 cable with DB9F termination</td>
</tr>
<tr>
<td>OM-CP-IFC200</td>
<td>119</td>
<td>Windows software and 3.7 m (12') USB interface cable</td>
</tr>
<tr>
<td>OM-CP-BAT103</td>
<td>20</td>
<td>Replacement 9V lithium battery</td>
</tr>
<tr>
<td>OM-CP-110-PWR-2000</td>
<td>13</td>
<td>110 Vac power adaptor</td>
</tr>
<tr>
<td>OM-CP-220-PWR-2000</td>
<td>13</td>
<td>220 Vac power adaptor</td>
</tr>
</tbody>
</table>

Comes complete with operator’s manual and 9V battery. The OM-CP-FC110, software, and RS232 cable (required to operate the data logger) are sold separately.

**Ordering Example:** OM-CP-PRHTEMP2000-CERT, pressure, humidity and temperature data logger with NIST calibration certificate, OM-CP-IFC110 Windows software, and RS232 cable, $679 + 99 = $778.
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**