The microprocessor based pH/ORP/Temperature Meter offers quick response and high accuracy. Simultaneously measure and display pH from 0 to 14 pH (0 to 1999 mV) and temperatures up to 200°F (100°C). Model PHO-1 meter features manual or automatic temperature compensation, auto buffer recognition, and data logging capabilities, and the recording interval can be defined by the user. The Model PHO-1 accepts any pH electrode with a BNC connector.

For additional convenience, select model PHO-1K kit, which contains a meter, RS-232 cable, batteries, software, pH electrode, temperature probe, gender changer, carrying case and manual.

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>0 to 14 pH</td>
<td>0.001 pH</td>
<td>±0.01 pH</td>
</tr>
<tr>
<td>mV</td>
<td>0 to 0.00 mV, 601-1999 mV</td>
<td>0.1 mV</td>
<td>±(0.05% + 1 digit) ±0.1%</td>
</tr>
<tr>
<td>Temp (°C)</td>
<td>0 to 100°C</td>
<td>0.1°C</td>
<td>±0.5°C</td>
</tr>
<tr>
<td>Temp (°F)</td>
<td>32 to 200°F</td>
<td>0.1°F</td>
<td>±0.9°F</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

Input: pH electrode with BNC connector, temperature probe.
Range: pH: 0.00 to 14.00 pH; mV: 0 to 1999 mV.
Temperature: 32 to 200°F (0 to 100°C).
Operating Temperature: 32 to 122°F (0 to 50°C);
Compensated Temperature Limit: Manual (MTC): 32 to 200°F (0 to 100°C);
Automatic (ATC): 32 to 200°F (0 to 100°C).
Operating Humidity: Max. 80% RH.
Sampling Rate: About 1.5 time/sec.
Power Requirements: (6) AA alkaline batteries, included, user replaceable.
Battery Life: Approximately 120 hours.
Power Current: Approximately 20 mA DC.
Data Output: RS-232 PC serial interface.
Dimension: 7.4" x 2.9" x 2" (187 x 73 x 53 mm).
Weight: 1 lb (.45 kg) meter only.
Agency Approvals: CE.

**Model PHO-1, pH/ORP/Temperature Meter**

**Model PHO-1K, pH/ORP/Temperature Kit**