pH, ORP and Conductivity Continuous Monitors

Easy to use, inexpensive systems designed to provide months of carefree continuous monitoring!

All push button microprocessor-based operation for fast, easy use—no trimpots to adjust!

Bright red LED display easy to read from a distance

Built-in AC power adapter for long-term monitoring

Probe float included for easy installation in open tanks

Conductivity monitor features:

Automatic temperature compensation (ATC)
Probes includes built-in temperature sensor

Wide 0.0 to 10.0 mS range ideal for monitoring nutrient strength, rinse tanks, and many other applications

Built-in conductivity cell epoxy-body stainless steel pin design; 3-ft cable

pH monitor features:

Double Junction Electrode included
Uses most pH electrodes with BNC connectors

Three-point pH calibration at pH 4, 7 and 10

Auto buffer recognition automatically identifies the correct pH buffer for rapid calibration

ORP monitor features:

ORP Electrode included
Uses most ORP electrodes with BNC connectors

mV offset calibration adjustable ±100 mV

Checking pH, ORP or conductivity levels once a day might not be enough to prevent serious problems. OAKTON continuous monitors give you a reliable and easy-to-use AC powered monitoring system. Simply plug in, calibrate and read the display. With regular calibration, these monitors give accurate readings for months at a time. Monitor features a bright red LED display that lets you check your pH, ORP, or Conductivity levels at a glance. Push button calibration on the front panel means you won’t need a screwdriver to adjust trimpots.

<table>
<thead>
<tr>
<th></th>
<th>Conductivity Monitors</th>
<th>pH Monitors</th>
<th>ORP Monitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>0.0 to 10.0 mS</td>
<td>0.0 to 14.0 pH</td>
<td>0 to 995 mV</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.1 mS</td>
<td>0.1 pH</td>
<td>5 mV</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2%</td>
<td>±0.1 pH</td>
<td>±5 mV</td>
</tr>
<tr>
<td>Calibration</td>
<td>±30% slope adjustment</td>
<td>3 points (4, 7 and 10 pH)</td>
<td>offset ±100 mV</td>
</tr>
<tr>
<td>Temp. Compensation</td>
<td>2% per °C</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Operating Temperature: 0 to 50°C

Power: 9 V to 100 mA AC/DC adapter (built-in)

Dimensions: Monitor: 3.4" L x 3.4" W x 1.25" H
Electrode: 5.75" L x 0.5" (12 mm) dia with 3.5' cable

Weight: Monitor: 0.5 lb (0.2 kg) Shpg wt: 1.0 lb (0.45 kg).

Ordering Information

pH Continuous Monitor includes pH electrode, instructions, and built-in AC adapter.
WD-35623-00 pH FM 1, 110 VAC
WD-35623-05 pH FM 1, 220 VAC

ORP Continuous Monitor includes ORP electrode, instructions, and built-in AC adapter.
WD-35649-00 ORP FM 1, 110 VAC
WD-35649-05 ORP FM 1, 220 VAC

Conductivity Continuous Monitors includes built-in conductivity cell, instructions, and built-in AC adapter.
WD-35660-00 CON FM 1, 110 VAC
WD-35660-05 CON FM 1, 220 VAC

Replacement Electrodes
WD-35805-01 Replacement pH electrode, epoxy body, double-junction, 5.75" L x 0.47" OD (12 mm) with 3.5' cable.
WD-35805-15 Replacement ORP electrode, epoxy body, double-junction, 5.75" L x 0.47" OD (12 mm) with 3.5' cable.

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