



# 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 trim pots 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)

Probe 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  $\pm 100$  mV

**Bulletin Monitors A1.** Printed in the U.S.A. 08/01  
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Above: pH Continuous Monitor  
Below: built-in conductivity cell and double junction pH electrode  
Upper left: Conductivity Continuous Monitor  
Lower left: ORP Continuous Monitor

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 screw driver to adjust trim pots.

	Conductivity Monitors	pH Monitors	ORP Monitors
Range	0.0 to 10.0 mS	0.0 to 14.0 pH	0 to 995 mV
Resolution	0.1 mS	0.1 pH	5 mV
Accuracy	$\pm 2\%$	$\pm 0.1$ pH	$\pm 5$ mV
Calibration	$\pm 30\%$ slope adjustment	3 points (4, 7 and 10 pH)	offset $\pm 100$ mV
Temp. Compensation	2% per °C	None	None

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-ft 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.