



## Dissolved Oxygen Controller DO 1000

- Large dual display shows DO plus temperature
- Readout in mg/L, ppm or % saturation
- Select between three control types
- Two set point, two SPDT relay operation
- Separate alarm relay
- 0 to 2000 second time delay adjustment on all relays
- Key in salinity and barometric pressure manually
- Separately adjustable high and low set point hysteresis bands
- Push button calibration
- 0-20/4-20 mA transmitter/ recorder output
- Two level password protection
- LED indicators signal control activities
- Nonvolatile memory

### Application

Use this instrument for monitoring temperature and control of dissolved oxygen in your wastewater treatment and aquaculture applications. Use with valves, blowers, or aerators to ensure proper system operation.



### Specifications

<b>Range</b>	
mg/L (ppm)	0.0 to 20.00 mg/l (ppm)
% saturation	0.00 to 200.0%
Temperature	0 to 50°C
<b>Resolution</b>	
mg/L (ppm)	0.01 mg/l (ppm)
% saturation	1%
Temperature	0.1°C
<b>Accuracy</b>	
mg/L (ppm)	±1.5% full scale
% saturation	±1.5% full scale
Temperature	±0.5°C

### Ordering Information

ITEM	DESCRIPTION
WD-35400-00	DO 1000 controller, 110 VAC, 48-62 Hz

Controllers include panel mounting hardware. Order power cord separately.

### Probes / Probe Cleaning System

WD-35201-50	Industrial DO galvanic probe, 0 to 20ppm, 10ft cable
WD-35201-55	Industrial DO galvanic probe, 0 to 20ppm, 50ft cable
WD-35201-51	Rugged DO galvanic probe with Teflon® membrane, 0 to 20ppm
WD-35201-52	Industrial DO galvanic probe, 0 to 10ppm
WD-35201-60	DO probe cleaning system
WD-35201-62	Timer for DO cleaning system. Lets you set on/off intervals for cleaning system to activate.
WD-35201-64	Power supply. 12 VDC. Plust into 110 VAC outlet.

### Accessories

WD-35640-71	Replacement electrolyte fluid, 500 mL
WD-35640-70	Replacement electroyte powder, 58.5g. Mix your own electrolyte solution—makes 400 mL. Has longer shelf life in unmixed form
WD-35201-65	Replacement Teflon® membranes. Pack of 5
WD-35640-76	Teflon® membranes. Pack of 25
WD-35100-90	Power cord; 3ft with bare leads, 3 prong U.S. plug, 120 VAC
WD-00653-00	Zero% dissolved oxygen calibration solution, 500 mL