

# BENCHTOP DISSOLVED OXYGEN METERS DOB-930



DOB-930  
**\$1420**



Model PRT-341,  
Printer (optional),  
\$725

- ✓ % Concentration and PPM Readings
- ✓ Includes Swing Arm Holder
- ✓ Analog and RS-232 Outputs
- ✓ B.O.D. Mode Feature
- ✓ Alarms

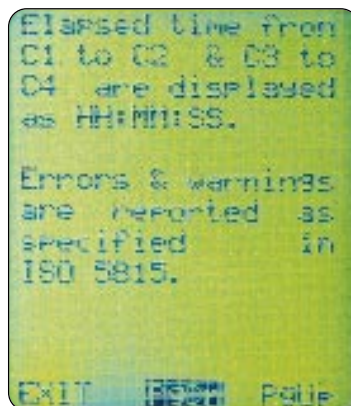
The DOB-930 benchtop dissolved oxygen meter uses a Clark-type polarographic electrode, optimized for both stability and speed of response. Dissolved oxygen levels can be measured either as % saturation or as concentration in mg/l (ppm). The meter also has a mode dedicated to the determination of B.O.D. (Biochemical Oxygen Demand).

The graphics mode liquid crystal display facilitates plain-language, menu-based operating procedures and clear presentation results. The results phase permits the simultaneous display of dissolved oxygen level and temperature.

The sensor measures the partial pressure of oxygen, with the reported results influenced by atmospheric pressure. The DOB-930 allows atmospheric pressure and salinity values to be entered through the menu options for automatic correction.

A real-time clock is built into the meter and displays either day, month and year or seconds, minutes and hours. The clock feature also enables calibration checks to be prompted at intervals determined by the operator.

The unit includes a 100-location memory for logging the results for subsequent recall to the display or downloading via the bi-directional RS-232 link to a printer or PC.



Set-up Menu



Standard Display

## SPECIFICATIONS:

### DO<sub>2</sub>:

**Ranges:** 0 to 199%, 0 to 25.0% or 0 to 19.99 mg/l

**Resolution:** 1%, 0.1%, 0.01 mg/l

**Accuracy:** ±2% within 10°C (18°F) of calibration temperature

### TEMPERATURE:

**Ranges:** -10 to 60°C, (14 to 140°F)

**Resolution:** 0.1°C/1°F

**Accuracy:** ± 0.5°C/±1°F

### ATC range:

0 to 60°C (32 to 140°F)

### Outputs:

Analog 1 mV per digit, bi-directional RS-232, Hi/Lo Alarm outputs, open collector 0.5 A 50 V max

**Clock:** 24 hour, hours/min/sec or day, month year (leap year corrected)

**Stirrer speed:** 0 to 100%

### Alarm points:

0 to 199.9% and 0 to 19.99 mg/L; calibration reminder

**Display:** LCD graphics

**Power:** 115 ac adaptor supplied, (power supply 9 V ac)

**Size:** 275 L x 240 W x 150 mm D (10.8 x 9.5 x 5.9")

**Weight:** 1.2 kg (2.6 lb)

## To Order (Specify Model Number)

Model No	Price	Description
DOB-930	\$1420	Benchtop dissolved oxygen meter with probe, ATC probe, swing arm holder, spare membranes, KCl filling solution, zero powder, and power supply

**Ordering Example:** DOB-930, benchtop dissolved oxygen meter with probe, ATC probe, swing arm holder, spare membrane, KCl filling solution, zero powder and power supply, \$1420





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