

# Water Quality Meters

## YSI EcoSense® DO200M Dissolved Oxygen/Temperature

YSI EcoSense® instruments provide accurate data in the most affordable package. The "M" stands for memory and the instruments feature a real-time clock, larger memory and simple data transfer to a PC with a built-in USB port. The DO200M is easy-to-use and has a fast measurement response, allowing you to collect accurate data within seconds.

### FEATURES

The DO200M simultaneously measures dissolved oxygen (% air saturation or mg/L) and temperature with the following features:

- Rugged, waterproof, field-worthy case. IP-67 rated.
- Durable field probe and cables made in the USA. 1-, 4- and 10-meter field cables available.
- Self-stirring laboratory BOD probe, made in the USA.
- Waterproof micro-USB port for transferring data to PC; no software required.
- Holds 250 data sets; no need to write down data.
- Real-time clock for date/time stamp of saved data.
- User-selectable re-calibration prompt provides reminder to calibrate.
- Automatic temperature compensation; manual input for salinity and barometric pressure compensation.
- 1-year warranty on instrument and probe/cable assembly.
- Screw-on cap membranes with a low stirring requirement and the fastest response time available.



**CALL GEOTECH TODAY (800) 833-7958**

**Geotech Environmental Equipment, Inc.**

2650 East 40th Avenue • Denver, Colorado 80205

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### SPECIFICATIONS

#### EcoSense DO200M System Specifications (Instrument, Probe, and Cable)

Temperature °C	Range Resolution Accuracy	-6 to 46°C 0.1°C ±0.3°C
Dissolved Oxygen % Saturation	Range Resolution Accuracy	0 to 200% 0.1% air saturation ±2% of the reading or ±2% air saturation, whichever is greater
Dissolved Oxygen mg/L	Range Resolution Accuracy	0 to 20 mg/L 0.01 mg/L ±2% of the reading or +0.2 mg/L, whichever is greater

#### EcoSense DO200M Additional Specifications

Operating Range	Temperature Relative Humidity	0 to 50°C (32 to 122°F) up to 95%
Waterproof Rating	IP-67 waterproof	
Handheld Size	78 mm wide (widest point) x 184 mm long x 37 mm deep (3.1 in. x 7.25 in. x 1.45 in.)	
Weight with Battery	280 grams (0.6 lb.)	
ATC Probe	Thermistor, 10kΩ/25°C	
Battery	One 9 volt included with purchase; 150 hour battery life; Real Time Clock (RTC) powered by non-replaceable CR2032 coin battery (3V)	
Salinity Compensation	0.0 to 40.0 ppt (manual input during calibration)	
Pressure Compensation	600 to 1100 millibar (450 to 825 mmHg); manual input during calibration	
Audio Feedback	Yes, all keys	
Auto Shutoff	Automatically powers off after 30 minutes of inactivity	
Memory (data sets)	250 (1 data set = DO, temp, date/time)	
Re-calibration Timer	User-selectable; from 0 to 60 days	
Real-Time Clock (RTC)	Yes, for date/time stamp of saved data and calibration timer	
USB Port	Yes, waterproof micro-USB for downloading data to PC	

### ORDERING INFORMATION

Order items separately or as a kit

Part	YSI Part No.	Geotech Part No.
DO200M meter only - includes manual, USB cable and 9 volt battery	601027	72103093
Kit: DO200M, 1 meter cable/probe assembly, carrying case, 5908 cap membrane kit	601028	92103024
Kit: DO200M, 4 meter cable/probe assembly, carrying case, 5908 cap membrane kit	601029	92103025
Kit: DO200M, 10 meter cable/probe assembly, carrying case, 5908 cap membrane kit	601030	92103026
1-meter dissolved oxygen and temperature field cable and probe only	606037	12103238
4-meter dissolved oxygen and temperature field cable and probe only	605352	12103037
10-meter dissolved oxygen and temperature field cable and probe only	605353	12103038
Stirring BOD probe, 230V, 1.5-m cable	609201	-
Hard-sided, plastic carrying case with form fitted foam insert; 31.75 x 22.86 x 9.4 cm (12.5 x 9 x 3.7 in.)	606036	12103244
5908 cap membrane kit, 1.25 mil PE with electrolyte solution, 6 each (yellow cap)	605306	12103031

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