

## OXI 1970i Portable Dissolved Oxygen Meter

Portable DO meters that combine handheld convenience with laboratory benchtop features.



- Waterproof rubberized rugged housing
- Record readings to the built-in memory
- Doubles as a laboratory bench top DO meter

### Description

The WTW Oxi 1970i Portable Dissolved Oxygen Meters combine everything you want in a portable dissolved oxygen meter for water, wastewater and environmental monitoring. The Oxi 1970i are nearly indestructible with both hose down proof (IP 66) and submersible (IP 67) ratings. But the Oxi 1970i is also very accurate, capable and easy to use. Along with an 800 data point datalogger, a real time clock and recorder output, the meter conforms to all GLP requirements. With its large, easy to read display, carrying/support handle and carrying strap the Oxi 1970i goes with you wherever you need to do dissolved oxygen measurements - even on your bench top.

The Oxi 1970i Portable Dissolved Oxygen Meters ship complete with NiMH rechargeable batteries, dual-voltage 110/220 VAC adapter, and neck strap. A DO probe is not included with the meter. Choose from one of the two waterproof DO probes listed below or call us if you need a special purpose electrode for your meter.

### Specifications

*Portable Dissolved Oxygen Meter Range (w/CellOx 325)*

*O<sub>2</sub> Concentration:* 0.00 to 19.99 mg/l, 0.00 to 90.0 mg/l

*O<sub>2</sub> Saturation:* 0 to 199.9%, 0 to 600%

*Temperature:* 32 to 122°F (0.0 to 50°C)

*Portable Dissolved Oxygen Meter Resolution*

*O<sub>2</sub> Concentration:* 0.01,0.1

*O<sub>2</sub> Saturation:* 0.1,1

*Temperature:* 0.1

*Portable Dissolved Oxygen Meter Accuracy*

*O<sub>2</sub> Concentration:* ± 0.5 % of measured value at ambient temperature of 41 to 86 °F (5 to 30 °C)

*O<sub>2</sub> Saturation:* ± 0.5 % of measured value when measuring in the range of ± 10 K around the calibration temperature

*Temperature:* ±0.1

*Temperature Compensation:* Accuracy better than 2 % at 32 to 104 °F (0 to 40 °C)

*Salinity Compensation:* 0 to 70.0 SAL

*Air Pressure Compensation:* Automatic through integrated pressure sensor in the range 500 to 1100 mbar

*Datalogging:* 800 data sets

*Output:* RS-232 with adjustable baud rate

*Display:* Multi-line LCD

*Power:* Rechargeable Nickel-cadmium battery or 110/220 VAC adapter

*Battery life:* Up to 600 hrs

*Dimensions:* 3.5x7.9x7.5in (90x200x190mm)

*Weight:* 3.3lb (1.5kg) without plug-in power supply)

*IP Rating:* IP 67

*Certifications:* CE

### Options and Accessories

**Oxi 1970i** Portable Dissolved Oxygen Meter

**CellOx® 325** DO electrode

Includes 5 ft (1.5m) cable.

**TA 197 Oxi-25** Deep water DO electrode

Includes 82 ft (25 m) cable.

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