

OXI3205 Handheld Dissolved Oxygen Meter

Handheld DO meter for field measurements.



- Robust shock and water resistant design
- Easy to use interface
- Wide range of applications
- Extremely long battery life

Description

Useable anywhere, the WTW Oxi 3205 and Oxi 3210 handheld dissolved oxygen meters are robust, easy to operate and provide assured accurate readings. Both meters meet IP66/67 standards – no worrying about using it in the rain and mud, or accidentally dropping it in the water. These instruments have incorporated a sealed silicone keypad which offers real button response, yet allows for easy cleaning. In combination with galvanic oxygen meter probes DurOx® 325 or CelloX® 325 (no polarization time required) the meters are ready for immediate use anywhere.

Oxi 3205

This easy to use meter will meet all your day-to-day demands. This simple, robust meter has a simplified keypad, with no memory function and no manual input facilities. When used in combination with the DurOx® 325 dissolved oxygen meter probe and its protective hood the DO meter is particularly suitable for measurements in fish-farming applications.

Oxi 3210

The compact precision Oxi 3210 DO meter enables you to carry out oxygen (DO) measurements rapidly and reliably. Loaded with additional features, the instruments include automatic temperature and air pressure compensation, salinity correction, GLP-supporting functions and built in datalogger. The meters have a continuous measurement control (CMC) function that alerts you when your meter is reading outside of the calibrated range. The handheld dissolved oxygen meter's large memory allows you to manually store 200 datasets.

Specifications

Range (both meters):

O₂ Concentration:* 0.00 to 19.99 mg/l or 0 to 90.0 mg/l

O₂ Saturation:* 0.0 to 199.9% or 0 to 600%

Partial Pressure:* 0 to 199.9 hPa or 0 to 1250 hPa

Temp: 23 to 221 °F (-5.0 to +105.0 °C)

Resolution (both meters): All values ±1 digit

Accuracy (both meters):

O₂ Concentration:* ± 0.5 % of measured value at ambient temperature of 41 to 86 °F (5 to 30 °C)

O₂ Saturation:* ± 0.5 % of measured value when measuring in the range of ± 10 K around the calibration temperature

Partial Pressure:* ± 0.5 % of measured value at ambient temperature of 41 to 86 °F (5 to 30 °C)

Temperature: ±0.2 °F (±0.1 °C)

Salinity Correction: 0 to 70 SAL

Air Pressure Correction: Automatic through installation of pressure sensor in the range 500 to 1100 mbar

Operational Temperature: 14 to 131 °F (-10 to 55 °C)

Storage Temperature: -13 to 149 °F (-25 to 65 °C)

Power: 4 AA 1.5 V batteries or four 1.2 V NiMH

Battery Life: Up to 1000 hours w/o backlight, 150 hours w/ backlight

Dimensions (LxWxH): 6.78x3.15x1.46in (172x80x37mm)

Weight: 0.66lb (0.3kg)

IP Rating: IP 66/67

Certifications: CE

Options and Accessories

Oxi 3205 Set – Handheld DO Meter DurOx 325-3 Set

Includes dissolved oxygen meter, DurOx® 325-3 dissolved oxygen probe (9.8ft cable), case & accessories.

Oxi 3210 Set – Handheld DO Meter CelloX 325-3 Set

Includes dissolved oxygen meter, CelloX® 325-3 dissolved oxygen probe (9.8ft cable), case & accessories.

201545 – CelloX® 325-3 Probe

Includes 9.8 ft (3m) cable. Other cable lengths available, call for pricing.

201570 – DurOx® 325-3 Probe

Includes 9.8 ft (3m) cable. Other cable lengths available, call for pricing.

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