

YSI ProSolo ODO Meter

The YSI ProSolo Optical Dissolved Oxygen meter replaces the ProODO, and is Xylem's most advanced optical dissolved oxygen handheld meter. This meter is ideal for a range of applications including aquaculture, coastal, estuary, wastewater and wetland sampling.

The ProSolo connects to any ODO/T (Optical Dissolved Oxygen/Temperature) or ODO/CT (Optical Dissolved Oxygen/Conductivity/Temperature) probe assemblies and are user replaceable.

Instrument Only. Cables, probes/sensors, and accessories are sold separately.

Features

- Incorporates smart sensor technology that enables sensors to be automatically recognized by the handheld.
- Sensors store calibration data. Probe assemblies can be swapped between handhelds without the need for recalibration.
- Simple and quick calibration procedures
- IP-67 rated and a military-spec (MS) cable connector.
- The ProSolo includes KorDSS Software for easy 2-way communication between the meter and a PC, tablet or mobile.
- Long-life rechargeable lithium-ion battery
- Cable assembly lengths ranging from 1-100m
- Large onboard memory with storage capacity for over 100,000 data sets
- Data export directly to an included USB flash drive
- Ergonomic handheld for a comfortable grip
- Site ID and Data ID tag capabilities for data organization
- 3-year instrument warranty; 2 year warranty for the probe assembly and ODO cap

Compatibility Options & Accessories

- ProDSS KorLink
- ProDIGITAL ODO Cable
- ProDIGITAL ODO/CT Cable Assembly
- Conductivity Calibrator Solution

Applications

- Surface water monitoring
- Groundwater monitoring



Calibration

400 detailed calibration records can be stored and are available to view, download, and print

Display

Colour, LCD graphic display; 3.9 cm W x 6.5 cm H

Logging Capabilities

Single point or continuous with autostable feature

Size

8.3 cm W x 21.6 cm L x 5.6 cm D

USB

Built-in micro USB On-The-Go port for PC connection & recharging

Weight

567 grams (1.25 lbs) with battery

ODO/CT Specifications

Size

2.46 cm diameter, cable options for 1, 4, 10, 20, 30, 50, and 100 m

Dissolved Oxygen (Optical luminescence)

Range 0 to 500%, 0 to 50 mg/L | Accuracy: - 0 to 200%: $\pm 1\%$ of reading / 200 to 500%: $\pm 8\%$ of reading | Resolution 0.01 mg/L and 0.1%, or 0.1 mg/L and 1%

Temperature ($^{\circ}\text{C}$, $^{\circ}\text{F}$, K)

Range -5 to 70 $^{\circ}\text{C}$ | Accuracy: $\pm 0.2^{\circ}\text{C}$ | Resolution 0.1 $^{\circ}\text{C}$ or 0.1 $^{\circ}\text{F}$

Conductivity

Range: 0 to 200 mS/cm | Accuracy: - 0 to 100 mS/cm: $\pm 0.5\%$ of reading / - 100 to 200 mS/cm: $\pm 1.0\%$ of reading | Resolution: 0.001, 0.01, or 0.1 mS

Specific Conductance

Range: 0 to 200 mS/cm | Accuracy: - 0 to 100 mS/cm: $\pm 0.5\%$ of reading / - 100 to 200 mS/cm: $\pm 1.0\%$ of reading | Resolution: Resolution: 0.001, 0.01, 0.1 mS/cm