



YSI ProSolo

Optical dissolved oxygen and temperature meter

ProSolo

The **YSI ProSolo** is a rugged, user-friendly instrument for measuring optical dissolved oxygen (ODO), temperature, and conductivity (optional). It features highly accurate ODO sensor technology with no stirring required.

In addition to its impact-resistant, waterproof handheld display, the ProSolo has features that make field sampling faster and easier.



User-replaceable cables and sensors for different assemblies:

- ODO/Temperature
- ODO/Conductivity/Temperature
- OBOD/Temperature for the laboratory



Rechargeable lithium-ion battery



Data management through Kor Software



100,000+ data set memory

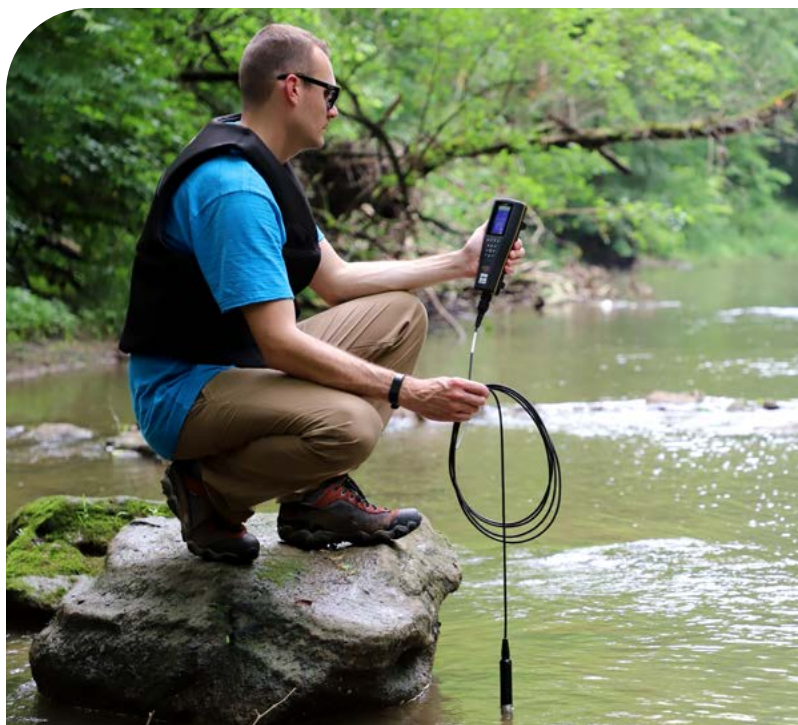
A large image showing a close-up of the ProSolo ODO/T and ODO/CT cables. The main image shows a silver and black probe assembly with a black cable. An inset image shows a close-up of the black cable connector.

ProSolo ODO/T and ODO/CT cables

Choose from three integrated cable assemblies for your ideal DO instrument: ODO/T, ODO/C/T for salinity compensation, and OBOD/T for lab applications.

ProSolo handheld specifications

Size (W x L x D)	8.3 cm x 21.6 cm x 5.6 cm (3.25 in x 8.5 in x 2.21 in)
Weight (with batteries)	567 grams (1.25 lbs)
Power	Rechargeable Lithium-Ion pack
Operating temperature	0 to 50 °C
Storage temperature	0 to 45 °C (with battery installed) 0 to 60 °C (without battery installed)
ODO/T, ODO/C/T, or ProOBOD cable assembly	ODO/T probe assembly: -, 4-, 10-, 20-, 50-, 100-meter lengths with military-spec connectors ODO/CT probe assembly: 1-, 4-, 10-, 20-, 50-, 100-meter lengths with military-spec connectors ProOBOD lab probe assembly: 2-meter
Connectivity	Built-in micro USB
Warranty	3-year instrument; 2-year cable; 1-year sensor
Waterproof	IP-67; floats
Data memory	>100,000 data sets
Data management	Kor Software for Windows; Kor Mobile for iOS and Android
Languages	English, Spanish, German, French, Italian, Norwegian, Portuguese, Japanese, Chinese, Korean, Thai
Certifications	RoHS, CE, WEEE, FCC, UN Part 11, SECTION 38.3, Test methods for lithium-ion batteries, IP-67, 1-meter drop test



ProSolo sensor specifications (Instrument, sensor, and cable)

	Range	Resolution	Accuracy	User calibration
Temperature (°C, °F, K)	Field Cables: -5 to 70 °C Lab Cables: 0 to 40 °C	0.1 °C	Field Cables: ±0.2 °C Lab Cables: ±0.35 °C	
Dissolved Oxygen (mg/L, ppm, % air saturation)	0 to 50 mg/L; 0 to 500% air saturation	User selectable to 0.1 or 0.01 mg/L, 0.1% or 1% air saturation	0 to 20 mg/L: ±1% of reading or 0.1 mg/L, whichever is greater 20 to 50 mg/L: ±8% of reading 0 to 200%: ±1% of reading or 1% air saturation, whichever is greater 200 to 500%: ±8% of reading	1- or 2-point with zero
Conductivity / Specific Conductance (µS/cm, mS/cm)	0 to 200 mS/cm	0.001, 0.01, 0.1 (range-dependent)	0 to 100 mS/cm: ±0.5% of reading or 0.001 mS/cm, whichever is greater 100 to 200 mS/cm: ±1% of reading	1-point
Salinity (ppt, PSU)	0 to 70 ppt	0.01 ppt	±1.0% of reading or 0.1 ppt, whichever is greater	1-point
Resistivity (Ω*cm, kΩ*cm, MΩ*cm)	0 to 2000 Ω	0.001, 0.01, 0.1 Ω*cm	±0.1% Full Scale	
Total dissolved solids (TDS) (mg/L, kg/L, g/L)	0 to 100 g/L, Cal constant range 0.30 to 1.00 (0.65 default)	0.001, 0.01, 0.1 g/L	Not specified	
Barometer (mmHg, inHg, mbar, psi, kPa)	375 to 825 mmHg	0.1 mmHg	±1.5 mmHg from 0 to 50 °C	1-point



xylem

YSI Incorporated
1725 Brannum Lane
Yellow Springs, OH 45387

Tel +1 937.767.7241
Email info@ysi.com
ysi.com



ysi.com/ProSolo



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Let's Solve Water