

STRUMENTI PORTATILI YSI PER L'ANALISI DELLE ACQUE

STRUMENTAZIONE AD ALTA TECNOLOGIA PRODOTTA DALLA YSI LEADER MONDIALE NEL SETTORE DEL MONITORAGGIO DELLA QUALITA' DELLE ACQUE E DEI PARAMETRI AMBIENTALI

Strumentazione ad alta tecnologia (software esclusivo), per il monitoraggio delle acque, curata nel design ma soprattutto per l'esigenza di effettuare rilevamenti sul campo, anche in condizioni avverse. Semplicità nell'utilizzo, robustezza, involucri stagni, precisione, affidabilità, grande autonomia, garanzia (da 1 a 3 anni) ed assistenza.

Indispensabile per il monitoraggio delle acque o dei parametri ambientali in tanti settori come, acquacoltura continentale o marina, acquariologia, ecologia, ingegneria, industria, acque di pozzo, sorgenti, falde, acque nere ecc.



YSI PROSOLO OPTICAL DO-DOCT ossigeno & temperatura/salinità

ODO/CT Specifications	
Size	2.46 cm diameter, cable options for 1, 4, 10, 20, 30, 50, and 100 m lengths
Dissolved Oxygen (Optical luminescence)	Range: 0 to 500%, 0 to 50 mg/L; Accuracy: 0 to 200%: ±1% of reading or 1% saturation, whichever is greater; 200 to 500%: ±8% of reading; 0 to 20 mg/L: ±0.1 mg/L or 1% of reading, whichever is greater; 20 to 50 mg/L: ±8% of reading Resolution: 0.01 mg/L and 0.1%, or 0.1 mg/L and 1% (auto-adjusts based on range)
Temperature (Thermistor)	Range: -5 to 70°C (temperature compensation range for DO mg/L measurement: -5 to 50°C); Accuracy: ±0.2°C; Resolution: 0.1°C or 0.1°F (auto-adjusts based on range)
Conductivity (Four nickel electrode cell)	Range: 0 to 200 mS/cm; Accuracy: 0 to 100 mS/cm ±0.5% of reading or .001 mS/cm, whichever is greater; 100 to 200 mS/cm ±1.0% of reading; Resolution: 0.001, 0.01, or 0.1 µS (range dependent)
Salinity (See YSI.com for additional calculated parameters)	Range: 0 to 70 ppt Accuracy: ±1.0% of reading or ±0.1 ppt, whichever is greater Resolution: 0.01 ppt
Warranty	2 years on cable, probe, and ODO sensor cap



YSI EXO-Sondes Sonda multiparametrica



Sensor	Range	Resolution ¹	Accuracy ²
Conductivity (Non-Wiped)	0 to 200 mS/cm	0.0001 to 0.01 mS/cm	±0.5% of reading or 0.001 mS/cm, w.i.g. (0-100 mS/cm) ±1% of reading (100-200 mS/cm)
	5 to 50°C	0.001°C	±0.01°C (-5 to 35°C) ±0.05°C (35 to 50°C)
Conductivity (Wiped)	0 to 100 mS/cm	0.0001 to 0.01 mS/cm	±1% of reading or 2 µS/cm, w.i.g.
	5 to 50°C	0.001°C	±0.2°C
Depth or Vented Level	0 to 10, 100 or 250 m	0.001 m	±0.04% Full Scale
	0 to 10 m	0.001 m	±0.03% Full Scale
Dissolved Oxygen	0 to 500% air sat.	0.1% air sat.	±1% of reading or 1% sat., w.i.g. (0 to 200%) ±5% of reading (200 to 500%)
	0 to 50 mg/L	0.01 mg/L	±1% of reading or 0.1 mg/L, w.i.g. (0 to 20 mg/L) ±5% of reading (20 to 50 mg/L)
IDOM	0 to 300 ppb OSE	0.01 ppb OSE	Linearity: r ² ≥ 0.999 for 0 to 300 ppb OSE; MDL of 0.016 ppb OSE
pH	0-14 pH units	0.01 pH unit	±0.1 within ±10°C of cal temp ±0.2 for all other temps
ORP	999 to 999 mV	0.1 mV	±20 mV
TAL-Chlorophyll	0 to 100 RFU or 0 to 400 µg/L chl	0.01 RFU or 0.01 µg/L of pigment	Linearity: r ² ≥ 0.999 for Rhodamine WT across full range
TAL-Phycocyanin or TAL-Phycocerythrin	0 to 100 RFU or 0 to 100 µg/L PC or 0 to 280 µg/L PE		
Turbidity	0 to 4000 FNU		

PROSWAP



Available Smart Sensors

- Ammonium ISE
- Chloride ISE
- Conductivity/Temperature
- Nitrate ISE
- Optical Dissolved Oxygen
- pH
- pH/ORP
- Total Algae - PC
- Total Algae - PE
- Turbidity

PROFESSIONAL PLUS



Water Quality Parameters:

- | | |
|------------------------------|---------------------|
| Dissolved Oxygen (Optical) | Depth |
| Turbidity | GPS Coordinates |
| pH | Ammonium |
| ORP/Redox | Ammonia |
| Conductivity | Chloride |
| Specific Conductance | Nitrate |
| Salinity | Temperature |
| Total Dissolved Solids (TDS) | Barometric Pressure |
| Resistivity | Total Algae |
| Seawater Density | Chlorophyll |
| Total Suspended Solids (TSS) | |

PRO DSS



ProDSS Features

"I've spent countless hours and money on other multiparameter systems. This one is the most accurate, easiest to use, and the only one I see the ProDSS as the standard for your monitoring."

- One-Handed Operation
- On-Board Memory
- GPS/Track+GPS
- Long-Run, Submersible
- Customizable Profiles
- Connect with Tablets
- Remote User Access
- Backlight
- Full-Hand Access
- High-Resolution, High-Contrast Screen
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