

YSI Pro2030

PORTABLE DISSOLVED OXYGEN AND CONDUCTIVITY METER



Dissolved Oxygen, Conductivity, and Temperature Meter

The **YSI Pro2030** meter is a rugged, user-friendly instrument for dissolved oxygen (DO), conductivity, and temperature measurements. Choose between galvanic and polarographic DO sensors, while conductivity and temperature sensors are built into the cable assembly.

In addition to its impact-resistant, waterproof case, the Pro2030 has features that make field sampling faster and easier:



User-replaceable cables and sensors



Real-time salinity compensation of DO measurements



Quick response times



a xylem brand

YSI Pro2030 PORTABLE DISSOLVED OXYGEN AND CONDUCTIVITY METER

Pro2030 System Specifications (Instrument, Probe, and Cable)	
Dissolved Oxygen (% saturation)	Sensor Type Polarographic or Galvanic Range 0 to 500% air saturation Accuracy 0 to 200% air saturation, ±2% of the reading or ±2% air saturation, whichever is greater; 200 to 500% air saturation, ±6% of the reading Resolution 0.1% or 1% air saturation (user selectable)
Dissolved Oxygen (mg/L)	Sensor Type Polarographic or Galvanic Range 0 to 50 mg/L Accuracy 0 to 20 mg/L, ±2% of the reading or ±0.2 mg/L, whichever is greater; 20 to 50 mg/L, ±6% of the reading Resolution 0.01 or 10.1 mg/L (user selectable)
Conductivity (mS, uS)	Sensor Type Four-electrode cell Range 0 to 200 mS/cm (auto range) Accuracy 1-m or 4-m cable, ±1.0% of reading or 1.0 uS/cm, whichever is greater; 10- 20- or 30-m cable, ±2.0% of reading or 1.0 uS/cm, whichever is greater Resolution 0.0001 to 0.1 mS/cm (range dependent)
Salinity (ppt, PSU)	Range 0 to 70 ppt Accuracy ±1.0% of the reading or 0.1 ppt, whichever is greater Resolution 0.1 ppt
Temperature (°C, °F)	Range -5 to 55°C (0 to 45°C; DO compensation range for mg/L) Accuracy ±0.3°C Resolution 0.1°C
Total Dissolved Solids (TDS) (mg/L, g/L)	Range 0 to 100 g/L TDS constant range 0.30 to 1.00 (0.65 default) Accuracy Dependent on temp and conductivity; calculated from those parameters Resolution 0.0001, 0.01, 0.1 g/L
Barometer (mmHg, inHg, mbars, Psi, KPa)	Range 500 to 800 mmHg Accuracy ±5 mm Hg within ±15°C of calibration temperature Resolution 0.1 mm Hg
Pro2030 Additional Specifications	
Size	8.3 cm width x 21.6 cm length x 2.3 cm depth (3.25 in. x 8.5 in. x 2.25 in.)
Weight with Batteries	475 grams (1.05 lbs.)
Power	2 alkaline C-cells providing ~400 hours of battery life (without backlight); low battery indicator when 1 hour is left
Cables	1- 4- 10- 20- and 30-m lengths (3.28, 13.1, 32.8, 65.6 and 98.4 ft.)
Salinity Input Range	0-70 ppt; automatic based on conductivity
Conductivity Reference Temperature	Adjustable; range 15°C to 25°C
Warranty	3-year instrument; 2-year cable; 1-year sensor (DO)
Data Memory	50 data sets
Languages	English, Spanish, Portuguese, French
Certifications	RoHS, CE, WEEE, IP67 waterproof, 1-meter drop test
Country of Origin	Assembled in the USA



SPECIFICATIONS W8-04

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