

# 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<br>Range 0 to 500% air saturation<br>Accuracy 0 to 200% air saturation, ±2% of the reading or ±2% air saturation, whichever is greater;<br>200 to 500% air saturation, ±6% of the reading<br>Resolution 0.1% or 1% air saturation (user selectable) |
| Dissolved Oxygen (mg/L)                                      | Sensor Type Polarographic or Galvanic<br>Range 0 to 50 mg/L<br>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<br>Resolution 0.01 or 10.1 mg/L (user selectable)  |
| Conductivity (mS, uS)  | Sensor Type Four-electrode cell<br>Range 0 to 200 mS/cm (auto range)<br>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<br>Resolution 0.0001 to 0.1 mS/cm (range dependent)    |
| Salinity (ppt, PSU)  | Range 0 to 70 ppt<br>Accuracy ±1.0% of the reading or 0.1 ppt, whichever is greater<br>Resolution 0.1 ppt   |
| Temperature (°C, °F)   | Range -5 to 55°C (0 to 45°C; DO compensation range for mg/L)<br>Accuracy ±0.3°C<br>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)<br>Accuracy Dependent on temp and conductivity; calculated from those parameters<br>Resolution 0.0001, 0.01, 0.1 g/L  |
| Barometer (mmHg, inHg, mbars, Psi, KPa)                      | Range 500 to 800 mmHg<br>Accuracy ±5 mm Hg within ±15°C of calibration temperature<br>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

YSI, a Xylem brand  
1725 Brannum Lane  
Yellow Springs, OH 45387

+1.937.767.7241  
info@ysi.com  
YSI.com



YSI.com/Pro2030