



Y S I Environmental

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YSI Pro2030 Dissolved Oxygen/Conductivity

Handheld DO, Conductivity, Salinity, TDS, Temperature

Rugged and reliable, the YSI Pro2030 provides everything you need in a handheld dissolved oxygen instrument with conductivity. *Automatically compensates DO readings for changes in salinity.* User-replaceable DO sensors and cables, 50 data set memory, and simple DO calibration makes the Pro2030 user friendly. Rugged design and 1-meter drop tests ensure the instrument remains in your hands to provide years of sampling even in the harshest field conditions. Fast response times allow you to complete your sampling routine quickly, saving time and money.



- 3-year instrument; 2-year cable warranty
- User-replaceable cables and sensors. Choose either polarographic or galvanic DO. Conductivity sensor built into cable.
- Quick DO cal allows easy DO calibrations within seconds with the press of a button. Automatic internal barometric pressure compensation.
- Stores 50 data sets; no need to write down data
- Graphic, backlit display and glow in the dark keypad
- Tough. IP-67, impact-resistant, waterproof case even without the battery cover. Rubber over molded case provides extra durability. Military spec connectors.
- Quick response times; 95% DO response time in approximately 8 seconds with standard membrane (fastest response time in the market)
- Super-stable 4-electrode conductivity sensor is built for true field performance and designed for rugged conditions

Ideal replacement for the YSI Model 85!

Pure
Data for a
Healthy
Planet.®

A rugged, cost-effective handheld designed for true field performance



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Specifications are subject to change. Please visit YSI.com to verify all specs.

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Pro2030 System Specifications (instrument w/ cable and sensor)

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
Dissolved Oxygen (mg/L)	Resolution	0.1% or 1% air saturation (user selectable)
	Sensor Type	Polarographic or Galvanic
	Range	0 to 50 mg/L
Conductivity (mS, uS)	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 0.1 mg/L (user selectable)
	Sensor Type	Four-electrode cell
Salinity (ppt, PSU)	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 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)
Temperature (°C, °F)	Range	0 to 70 ppt
	Accuracy	±1.0% of the reading or 0.1 ppt, whichever is greater
	Resolution	0.1 ppt
Total Dissolved Solids (TDS) (mg/L, g/L)	Range	-5 to 55°C (0 to 45°C; DO compensation range for mg/L)
	Accuracy	±0.3°C
	Resolution	0.1°C
Barometer (mmHg, inHg, mbars, Psi, KPa)	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 Instrument Specifications

Conductivity	±0.5% of reading or 1.0 uS/cm, whichever greater
Size	8.3 cm width x 21.6 cm length x 5.7 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; low battery indicator on Pro2030
Cables	1- 4- 10- 20- and 30-m lengths (3.28, 13.1, 32.8, 65.6 ft.)
Warranty	3-year instrument; 2-year cable; 1-year Polarographic sensors; 6-months Galvanic sensors
Salinity Input Range	0-70 ppt; automatic based on conductivity
Conductivity Reference Temp	Adjustable; range 15°C to 25°C
Specific Conductance Temp Comp	0 to 4%
Data Memory	50 data sets
Languages	English, Spanish, German, French
Certifications	RoHS, CE, WEEE, IP-67, 1-meter drop test

Pro2030 Ordering Information (Order items separately*)

6052030	Pro2030 Handheld instrument
6052030-X	1- 4- 10- 20- or 30-m cable for DO/Cond/temp (cable management kit included on all except 1-meter)
605202	Galvanic Sensor
605203	Polarographic Sensor

Accessories Ordering Information

603077	Flow cell, 203 mL, with single port adapter
603075	Soft-sided carrying case
603074	Hard-sided carrying case
603069	Belt clip to attach instrument to belt
063517	Ultra clamp (attach to instrument to secure it to a desk, boat, etc)
063507	Small tripod (attach to instrument to sit on any flat surface)
626444	Lab Dock (instrument dock)
603062	Cable management kit (included with 4- 10- 20- and 30-m cables)
605978	Cable weight, 4.9 oz., attach to stainless steel probe guard
5913**	1.25 mil PE membranes for galvanic (6 yellow caps and solution)
5908**	1.25 mil PE membranes for polarographic (6 yellow caps and solution)
5914	2 mil PE membranes for galvanic (6 blue caps and solution)
5909	2 mil PE membranes for polarographic (6 blue caps and solution)

* Conductivity sensors are built into the cable and are included with all cables.

