YSI

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YSI Pro1030 pH/ORP/Conductivity/Temperature

Portable pH or ORP and conductivity meter for the field!

Rugged and reliable, the YSI Pro1030 provides everything you need in a handheld instrument for the measurement of either pH or ORP along with conductivity and temperature. User-replaceable pH and ORP sensors and cables, 50 data set memory, and convenient calibration routine makes it user friendly. Mil-spec (military spec) connectors, IP67 waterproof and rubber over molded case, and 1-meter drop tests ensure the instrument remains in your hands to provide years of sampling even in the harshest field conditions.

- 3-year instrument; 2-year cable; 1-year sensor warranty

- User-replaceable cables and sensors (pH and ORP). Super stable, 4-electrode conductivity sensor built into the cable.

- Smart calibration in the instrument remembers the previous calibration values and simply walks you through the routine.

- Stores 50 data sets; no need to write down data

- Graphic, backlit display and glow in the dark keypad.

- Available with 1- 4- 10- 20- and 30-m cable lengths standard.

- Tough. IP67, impact-resistant, waterproof case. Waterproof without the battery cover as well. Rubber over molded case provides extra durability. Military spec connectors.

- A true field instrument - the display is visible with polarized sunglasses on.

- Multiple languages include English, Spanish, French, and Portuguese.

The Pro1030 is an ideal meter for field work. Tough, smart and versatile.

Parameters:
pH
ORP/Redox
Conductivity
Specific Conductance
Salinity
Total Dissolved Solids (TDS)
Temperature

YSI.com/pro1030

Pro1030 System Specifications (Instrument, Probe, and Cable)

Temperature	Range	-5 to 55ºC
	Resolution	0.1ºC
	Accuracy	±0.2ºC
pH	Range	0 to 14 pH units
	Resolution	0.01
	Accuracy	±0.2
ORP	Range	-1500 to 1500 mV
	Resolution	1 mV
	Accuracy	±20 mV
Conductivity	Range	0 to 500 µS/cm, 0 to 5 mS/cm, 0 to 50 mS/cm, 0 to 200 mS/cm (auto ranging)
	Resolution	0.0001 to 0.1 mS/cm, 0.1 to 0 µS/cm (range dependent)
	Accuracy	With 1- or 4-meter cable ±1.0% of the reading or 1 µS/cm, whichever is greater; With 10-, 20-, or 30-meter cables ±2.0% of the reading or 1 µS/cm, whichever is greater; Instrument only ±0.5%
Salinity	Range	0 to 70 ppt
	Resolution	0.1 ppt
	Accuracy	±1.0% of the reading or ±0.1 ppt, whichever is greater
Total Dissolved Solids (TDS)	Range	0 to 100 g/L (TDS constant range 0.3 to 1.00 with 0.65 being the default)
	Resolution	0.0001 to 0.1 g/L (range dependent)
	Accuracy	Dependent on accuracy of temperature, conductivity and TDS constant

Pro1030 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 ~425 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.)
Warranty	3-year instrument; 2-year cable; 1-year pH and ORP sensors
Data Memory	50 data sets
Languages	English, Spanish, Portuguese, French
Certifications	RoHS, CE, WEEE, IP67 waterproof, 1-meter drop test

Pro1030 Ordering Information (order items separately) Full range of accessories available at YSI.com/pro1030

6051030	Pro1030 Handheld instrument
6051030-1	1-m cable for conductivity and temp (both built into cable)/pH or ORP port
6051030-4	4-m cable for conductivity and temp (both built into cable)/pH or ORP port; includes cable management kit
6051030-10	10-m cable for conductivity and temp (both built into cable)/pH or ORP port; includes cable management kit
6051030-20	20-m cable for conductivity and temp (both built into cable)/pH or ORP port; includes cable management kit
6051030-30	30-m cable for conductivity and temp (both built into cable)/pH or ORP port; includes cable management kit
605101	pH Sensor (not included with cable purchase)
605102	ORP Sensor (not included with cable purchase)
603075	Carrying Case, soft-sided (large case)
603162	Carrying Case, soft-sided (small case, accommodates up to 4-meter cable)
603074	Carrying Case, hard-sided (large case)
603070	Shoulder Strap
603824	pH Buffers, assorted case; 2 pints each of 4, 7, and 10 buffer
003821	pH 4 Buffer, case of 6 pints
003822	pH 7 Buffer, case of 6 pints
003823	pH 10 Buffer, case of 6 pints
060907	Conductivity Calibration Solution, 1,000 µS/cm, case of 8 pints
060911	Conductivity Calibration Solution, 10,000 µS/cm, case of 8 pints
060660	Conductivity Calibration Solution, 50,000 µS/cm, case of 8 pints
065274	Conductivity Calibration Solution, 100,000 µS/cm, case of 8 pints

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