



Parameters:

pH or
ORP/Redox
Dissolved Oxygen
Temperature



Replaceable sensors install in minutes. No tools required (single port cable shown, not the 1020 cable).

YSI Pro1020 pH/ORP/Dissolved Oxygen/Temperature

Portable dissolved oxygen meter with pH or ORP

Easy to use, rugged and reliable, the YSI Pro1020 provides everything you need in a handheld instrument for the measurement of dissolved oxygen, temperature and either pH or ORP. User-replaceable sensors and cables, 50 data set memory, and convenient calibration routine makes it user friendly. A true field instrument; Mil-spec (military spec) connectors, IP67 waterproof, rubber over molded case, and 1-meter drop tests ensure durability to provide years of sampling even in the harshest field conditions.

- User-replaceable cables and sensors provide versatility, reduce down time and reduce overall cost of ownership.
- Available with 1- 4- 10- 20- and 30-m cable lengths standard (cable management kit included on all cables 4-m and longer).
- Smart calibration; the instrument remembers the previous calibration values and simply walks you through the routine (quick DO cal with the push of 2 buttons).
- Stores 50 data sets; no need to write down data.
- Large graphic, backlit display and glow in the dark keypad. Usable in any lighting condition. The display is also visible when wearing polarized sunglasses.
- Tough. IP67, impact-resistant, waterproof case. Waterproof without the battery cover as well.
- Rubber over molded case provides extra durability. Military spec connectors are unsurpassed for ruggedness.
- Multiple languages: English, Spanish, French, and Portuguese.
- Choose either polarographic or galvanic DO sensors.
- Quick response times; 95% DO response time in approximately 8 seconds with standard membrane (fastest response time in the market).
- 3-year instrument; 2-year cable; 1-year sensor warranty (6-months Galvanic DO)

Pro1020 System Specifications (Instrument, Probe, and Cable)

Temperature	Range	-5 to 55°C (0 to 45°C for DO compensation range for mg/L)
	Resolution	0.1°C
	Accuracy	±0.2°C
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
Dissolved Oxygen (% saturation)	Range	0 to 500% air saturation
	Resolution	0.1% or 1% air saturation (user selectable)
	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)	Range	0 to 50 mg/L
	Resolution	0.01 or 0.1 mg/L (user selectable)
	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
Barometer (mmHg, inHg, mbars, Psi, KPa)	Range	500 to 800 mmHg
	Resolution	0.1 mmHg
	Accuracy	±5 mm Hg within ±15°C of calibration temperature

Pro1020 Additional Specifications

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 ~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 most sensors; 6-months for galvanic DO
Data Memory	50 data sets
Languages	English, Spanish, Portuguese, French
Certifications	RoHS, CE, WEEE, IP67 waterproof, 1-meter drop test

Pro1020 Ordering Information (order items separately) Full range of accessories available at YSI.com/pro1020

6051020	Pro1020 Handheld instrument
6051020-1	1-m cable with temp/pH or ORP sensor port/Dissolved Oxygen sensor port
6051020-4	4-m cable with temp/pH or ORP sensor port/Dissolved Oxygen sensor port; includes cable management kit
6051020-10	10-m cable with temp/pH or ORP sensor port/Dissolved Oxygen sensor port; includes cable management kit
6051020-20	20-m cable with temp/pH or ORP sensor port/Dissolved Oxygen sensor port; includes cable management kit
6051020-30	30-m cable with temp/pH or ORP sensor port/Dissolved Oxygen sensor port; includes cable management kit
605101	pH Sensor (not included with cable purchase)
605216	Amplified pH Sensor Kit and extension adapter (not included with cable purchase)
605323	Amplified pH Sensor Only (not included with cable purchase)
605102	ORP Sensor (not included with cable purchase)
605202	Galvanic Dissolved Oxygen Sensor (not included with cable purchase)
605203	Polarographic Dissolved Oxygen 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 (separate buffer cases also available)
605306	Replacement Standard Membrane Kit for 605203 Polarographic Sensor; 1.25 mil PE, 6 Caps with Solution; included with sensor purchase
605913	Replacement Standard Membrane Kit for 605202 Galvanic Sensor; 1.25 mil, 6 Caps with Solution; included with sensor purchase



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