



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