



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

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|------------|---|
| 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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