

YSI Pro20

PORTABLE DISSOLVED OXYGEN METER



Dissolved Oxygen and Temperature Meter

The **YSI Pro20** dissolved oxygen (DO) meter is a rugged, user-friendly instrument for dissolved oxygen and temperature measurements. Galvanic and polarographic DO sensors are available for field cables while a self-stirring BOD probe is available for the lab.

In addition to its impact-resistant, waterproof case, the Pro20 has features that make field sampling faster and easier:



User-replaceable cables and sensors



One Touch Cal for DO calibrations within 3 seconds



Quick response times



a xylem brand

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Pro20 System Specifications (Instrument, Probe, and Cable)

Temperature	Range -5 to 55 °C (0 to 45 °C; DO compensation range for mg/L) Resolution 0.1 °C Accuracy ±0.3 °C
Dissolved Oxygen % Saturation (galvanic or polarographic)	Range 0 to 500% 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 (galvanic or polarographic)	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	Range 400 to 999.9 mmHg Resolution 0.1 mmHg Accuracy ±5 mmHg within ±5 °C temperature range from calibration point

Pro20 Handheld Specifications

Size	8.3 cm width x 21.6 cm length x 5.7 cm depth
Weight with Batteries	475 grams
Power	2 alkaline C-cells providing 400 hours of battery life; low battery indicator
Cables	1– 4– 10– 20– 30– and 100–m lengths with military-spec connectors for handheld compatibility (special order up to 100–m)
Warranty	3–year instrument; 2–year cable; 1–year Polarographic sensors; 6–months Galvanic sensors
Salinity Input Range	0–70 ppt; manual (automatically compensates for manual input value)
Data Memory	50 data sets
Languages	English, Spanish, German, French
Certifications	RoHS, CE, WEEE, IP67 waterproof, 1–meter drop test

