

# YSI Pro20i

PORTABLE DISSOLVED OXYGEN METER



## Dissolved Oxygen and Temperature Meter

The **YSI Pro20i** dissolved oxygen (DO) meter is a rugged, user-friendly instrument with a built-in (i.e. integrated) cable for dissolved oxygen and temperature measurements. Choose between galvanic and polarographic DO sensors.

In addition to its impact-resistant, waterproof case, the Pro20i 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

# YSI Pro20i PORTABLE DISSOLVED OXYGEN METER

SPECIFICATIONS W55-03

Pro20i System Specifications (Instrument, Probe, and Cable)		
Temperature °C, °F	Range	23 to 131°F (-5 to 55°C) 0 to 45°C for DO compensation for mg/L
	Resolution	0.1°F (0.1°C)
	Accuracy	±0.6°F (±0.3°C)
Dissolved Oxygen % Saturation, % Location	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, ppm	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, mbar, inHg, psi, kPa	Range	400 to 999.9 mmHg
	Resolution	0.1 mmHg
	Accuracy	±5 mmHg within ±5°C temperature range from calibration point

Pro20i Additional Specifications	
Size	8.3 cm width x 21.6 cm length x 5.6 cm depth (3.25 in. x 8.5 in. x 2.2 in.)
Weight with Batteries	475 grams (1.05 lbs.)
Power	2 alkaline C-cells providing ~400 hours of battery life (without back-light); low battery indicator when 1 hour is left
Cables	1- 4- 10-m lengths (3.28, 13.1, 32.8 ft.)
Salinity Input Range	0-70 ppt; manual (automatically compensates for manual input value)
Warranty	3-year instrument; 2-year cable; 1-year polarographic sensors; 6-month galvanic sensors
Data Memory	50 data sets
Languages	English, Spanish, German, French
Certifications	RoHS, CE, WEEE, IP-67 waterproof, 1-meter drop test
Country of Origin	Assembled in the USA



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