



## YSI Pro20 Dissolved Oxygen

### *Handheld dissolved oxygen instrument for the lab or field!*

Rugged and reliable, the YSI Pro20 provides everything you need in a handheld dissolved oxygen instrument. User-replaceable sensors and cables, 50 data set memory, and convenient One Touch Cal feature makes it user friendly. Mil-spec (military spec) connectors, IP-67 waterproof and rubber over molded case, and 1-meter drop tests ensure the instrument remains in your hands to provide years of sampling even in the harshest field conditions. Fast response times allow you to complete your sampling routine quickly, saving time and money.



- 3-year instrument; 2-year cable warranty
- User-replaceable cables and sensors. Choose polarographic or galvanic for the field or a self-stirring BOD probe for the lab.
- One Touch Cal allows easy DO calibrations within 3 seconds with the press of a button. Automatic barometric pressure compensation.
- Stores 50 data sets; no need to write down data
- Graphic, backlit display and glow in the dark keypad
- Available with 1- 4- 10- 20- 30- and 100-m cable lengths standard (special order up to 100-meter cables in 10-meter increments)
- Tough. IP-67, impact-resistant, waterproof case even without the battery cover. Rubber over molded case provides extra durability. Military spec connectors.
- A true field instrument - the display is visible with polarized sunglasses on
- Quick response times; 95% response time in approximately 8 seconds with standard membrane (fastest response time in the market)
- Multiple languages include English, Spanish, French, and German

*Lab or field - the Pro20 is ready for whatever you need!*

Pure  
Data for a  
Healthy  
Planet.®

*A rugged, cost-effective dissolved oxygen handheld designed for the field or lab*





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## Pro20 System Specifications (instrument w/ 4-meter cable and field sensor)

Dissolved Oxygen (% saturation)	Sensor Type	Polarographic or Galvanic
	Range	0 to 500% air saturation
	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)	Resolution	0.1% or 1% air saturation (user selectable)
	Sensor Type	Polarographic or Galvanic
	Range	0 to 50 mg/L
Temperature	Accuracy	0 to 20 mg/L, ± 2% of the reading or ±0.2 mg/L, whichever is greater;
	Resolution	20 to 50 mg/L, ± 6% of the reading
	Resolution	0.01 or 0.1 mg/L (user selectable)
Barometer	Range	-5 to 55°C (0 to 45°C; DO compensation range for mg/L)
	Accuracy	± 0.3°C
	Resolution	0.1°C
Barometer	Range	400 to 999.9 mmHg
	Accuracy	± 5 mm Hg within ± 5°C temperature range from calibration point
	Resolution	0.1 mm Hg

## Pro20 Instrument Specifications

Size	8.3 cm width x 21.6 cm length x 2.3 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 400 hours of battery life; low battery indicator on Pro20
Cables*	1- 4- 10- 20- 30- and 100-m lengths (special order up to 100-m) (3.28, 13.1, 32.8, 65.6, 98 ft.)
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, IP-67, 1-meter drop test

## Pro20 Ordering Information (Order items separately)

6050020	Pro20 Handheld instrument
60520-1	1-m cable for DO/temp
60520-4	4-m cable for DO/temp (includes cable management kit)
60520-10	10-m cable for DO/temp (includes cable management kit)
60520-20	20-m cable for DO/temp (includes cable management kit)
60520-30	30-m cable for DO/temp (includes cable management kit)
60520-100	100-m cable for DO/temp
605780	Self-stirring BOD probe with 2-m (6 ft.) cable included
605202	Galvanic Sensor for any cable
605203	Polarographic Sensor for any cable

## Accessories Ordering Information

603077	Flow cell, 203 mL, with single port adapter
603075	Soft-sided carrying case
603074	Hard-sided carrying case
603069	Belt clip to attach instrument to belt
063517	Ultra clamp (attach to instrument to secure it to a desk, boat, etc)
063507	Small tripod (attach to instrument to sit on any flat surface)
603062	Cable management kit (included with 4- 10- 20- and 30-m cables)
605978	Cable weight, 4.9 oz., attach to stainless steel probe guard
5913**	1.25 mil PE membranes for galvanic (6 yellow caps and solution)
5908**	1.25 mil PE membranes for polarographic (6 yellow caps and solution)
5914	2 mil PE membranes for galvanic (6 blue caps and solution)
5909	2 mil PE membranes for polarographic (6 blue caps and solution)



063507 tripod is ideal for lab situations.



605978 cable weights.

\* Special order cable lengths up to 100-meters in 10-meter increments available. \*\* Standard



603069 belt clip.



603062 cable management kit.



603075 soft-sided carrying case with Pro20, cable, and accessories.