

# Water Quality Meters

## YSI Pro20i Dissolved Oxygen/Temperature

Easy to use, rugged and reliable, the YSI Pro20i provides everything you need in a handheld instrument for the measurement of dissolved oxygen (DO). A true field instrument with IP-67 waterproof, rubber over molded case, military spec connectors and 1-meter drop tests ensure durability to provide years of sampling even in the harshest field conditions.

With the Pro20i, accuracy is not compromised for ruggedness. The Pro20i can easily be calibrated for fast, accurate measurements you can trust.

### FEATURES

- **Integral (i.e. built-in) Cable:** 1, 4, and 10 meter field cables to choose from
- **User-replaceable DO sensors**
- **One Touch Cal:** Allows for easy DO calibrations within 3 seconds with the press of a button
- **Automatic barometric pressure compensation**
- **Quick response times:** T-95 response time in 8 seconds with standard membrane (fastest response time on the market)
- **Stores 50 data sets:** No need to write down data
- **Large graphic, backlit display and glow in the dark keypad, visible in any lighting condition**
- **Display is visible when wearing polarized sunglasses**
- **A true field instrument with IP-67, impact-resistant, waterproof case. Waterproof with and without the battery cover.**
- **Rubber over molded, slip-proof case provides extra durability**
- **Multiple languages:** English, Spanish, French, and German
- **Warranty:** 3-year instrument, 2-year integral cable, 1-year polarographic sensors, 6-month galvanic sensor

### PARAMETERS

- **Dissolved Oxygen** (DO%, DO% Local, ppm and mg/L)
- **Temperature** (°C, °F)
- **Barometric Pressure** (mmHg, inHg, mbar, psi, kPa)



**CALL GEOTECH TODAY (800) 833-7958**

**Geotech Environmental Equipment, Inc.**

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## YSI Pro20i Dissolved Oxygen/Temperature

### ORDER SELECTION GUIDE

	YSI Part No.	Geotech Part No.	Description
<b>Pro20i-1 P Kit</b>	607130	72103414	Dissolved Oxygen and Temperature handheld instrument with 1-meter integral cable and 2003 polarographic sensor kit
<b>Pro20i-1 G Kit</b>	607131	72103415	Dissolved Oxygen and Temperature handheld instrument with 1-meter integral cable and 2002 galvanic sensor kit
<b>Pro20i-4 P Kit</b>	607125	72103416	Dissolved Oxygen and Temperature handheld instrument with 4-meter integral cable and 2003 polarographic sensor kit
<b>Pro20i-4 G Kit</b>	607129	72103417	Dissolved Oxygen and Temperature handheld instrument with 4-meter integral cable and 2002 galvanic sensor kit
<b>Pro20i-10 P Kit</b>	607132	72103418	Dissolved Oxygen and Temperature handheld instrument with 10-meter integral cable and 2003 polarographic sensor kit
<b>Pro20i-10 G Kit</b>	607133	72103419	Dissolved Oxygen and Temperature handheld instrument with 10-meter integral cable and 2002 galvanic sensor kit
	605202	72103443	Galvanic Dissolved Oxygen sensor; 5913 (yellow cap) membrane kit included
	605203	72103444	Polarographic Dissolved Oxygen sensor; 5908 (yellow cap) membrane kit included



### YSI FLOW CELLS



**Pro Series  
single or dual  
Flow Cell assembly**



**Flow Cell with spike**

# Water Quality Meters

## YSI Pro20i Dissolved Oxygen/Temperature

### SPECIFICATIONS

#### System with Instrument, Probe, and Cable

<b>Temperature</b> °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)
<b>Dissolved Oxygen</b> % Saturation % Local	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
<b>Dissolved Oxygen</b> 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
<b>Barometer</b> 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

#### Additional Specifications

<b>Size</b>	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.)
<b>Weight with Batteries</b>	475 grams (1.05 lbs.)
<b>Power</b>	2 alkaline C-cells providing ~400 hours of battery life (without backlight); low battery indicator when 1 hour is left
<b>Cables</b>	1- 4- 10-m lengths (3.28, 13.1, 32.8 ft.)
<b>Warranty</b>	3-year instrument; 2-year cable; 1-year polarographic sensors; 6-month galvanic sensors
<b>Salinity Input Range</b>	0-70 ppt; manual (automatically compensates for manual input value)
<b>Data Memory</b>	50 data sets
<b>Languages</b>	English, Spanish, German, French
<b>Certifications</b>	RoHS, CE, WEEE, IP-67 waterproof, 1-meter drop test
<b>Country of Origin</b>	Instrument Assembled in the USA, cable and probe Made in the USA

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