



YSI Environmental

Distributed by:	Tallaght Business Park Whitestown Dublin 24 Ireland	Unit 59, Frimley House 35 High Street Frimley, Surrey GU16 7JQ
	Tel: (01) 4523432 Fax: (01) 4523967 E-mail: info@labunlimited.com Web: www.labunlimited.com	Tel: 08452 30 40 30 Fax: 08452 30 50 30 E-mail: info@labunlimited.co.uk Web: www.labunlimited.co.uk

Lab Unlimited
CARL STUART GROUP



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 DO/temp instrument. User-replaceable probes and cables, Mil-spec (military spec) connectors, an IP-67 waterproof rating even without the battery cover, 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; 1-year probe warranty
- Field-replaceable electrodes (choose between polarographic or galvanic)
- One-touch cal allows DO calibration with the press of a button
- Stores 50 data sets to ensure data integrity
- Graphic, backlit display
- Available with 1, 4, 10, 20, 30, and 100-m cable lengths standard (special order up to 100-meter cables in 10-meter increments)
- IP-67, impact-resistant, waterproof case
- Easy-to-use, screw-on cap DO membranes
- Quick response times; 95% response time in approximately 8 seconds with standard membrane (fastest response time in the market)

The Pro20 easily and quickly transitions from the lab to the field. Simply disconnect the field cable from the rugged mil-spec connector and attach the ProBOD self-stirring lab probe with over 14+ years of proven reliability. By simply using the tripod, the instrument uses a small desktop footprint and provides reliable DO readings for your BOD testing. 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





To order, or for more information, contact YSI Environmental.

+1 937 767 7241

800 897 4151 (US)

www.ysi.com

YSI Environmental
+1 937 767 7241
Fax +1 937 767 9353
environmental@ysi.com

YSI Integrated Systems
+1 508 748 0366
systems@ysi.com

SonTek/YSI
+1 858 546 8327
inquiry@sontek.com

YSI Gulf Coast
+1 225 753 2650
environmental@ysi.com

AMJ Environmental
+1 877 392 9950
amj@ysi.com

YSI Hydrodata (UK)
+44 1462 673 581
europe@ysi.com

YSI Middle East (Bahrain)
+973 1753 6222
halsalem@ysi.com

YSI (Hong Kong) Limited
+852 2891 8154
hongkong@ysi.com

YSI (China) Limited
+86 532 575 3636
beijing@ysi-china.com

YSI Nanotech (Japan)
+81 44 222 0009
nanotech@ysi.com

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Pro20 Sensor Specifications

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
	Resolution	0.1% or 1% air saturation (user selectable)
Dissolved Oxygen (mg/L)	Sensor Type	Polarographic or galvanic
	Range	0 to 50 mg/L
	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
	Resolution	0.01 or 0.1 mg/L (user selectable)
Temperature	Range	-5 to 70°C (0 to 45°C; DO compensation range for mg/L)
	Accuracy	± 0.2°C
	Resolution	0.1°C
Barometer	Range	375 to 825 mmHg
	Accuracy	± 3 mm Hg within ± 15°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
Cables	1, 4, 10, 20, and 30-m lengths with 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 probes
Salinity Input Range	0-70 ppt
Data Memory	50 data sets, date and time stamp
Languages	English, Spanish, German, French
Certifications	RoHS, CE, WEEE, IP67, 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
60520-10	10-m cable for DO/temp
60520-20	20-m cable for DO/temp
60520-30	30-m cable for DO/temp
60520-100	100-m cable for DO/temp
605780	Self-stirring BOD probe
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)
603507	Small tripod (attach to instrument to sit on any flat surface)
603062	Cable management kit (ideal for 10, 20 and 30-m cables)
605978	Cable weight, 4.9 oz., attach to stainless steel probe guard
5912	1 mil Teflon® membranes for galvanic (6 black caps and solution)
5906	1 mil Teflon membranes for polarographic (6 black caps and solution)
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)

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



063507 tripod is ideal for lab situations.



605978 cable weights.



603069 belt clip.



603062 cable management kit.



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

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