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Optical DO



YSI Optical BOD Probe

ProOBOD - Use in the lab with the ProODO®

- Smart sensor retains calibration in the probe
- User-replaceable, low-maintenance sensor with +1-year life
- 2-year warranty; reliable and serviceable, design reduces cost-of-ownership and reduces down-time
- Probe body tapered to fit into a standard 300 mL BOD bottle *and* international versions
- Extremely quiet operation
- No warm-up time required
- Self-stirring to provide representative sample and increase response times

YSI ProOBOD Probe Specifications

Accuracy	mg/L	0-20 mg/L, ± 0.1 mg/L or $\pm 1\%$ reading, whichever greater; 20-50 mg/L, $\pm 15\%$ reading
	% air	0-200%, $\pm 1\%$ reading or $\pm 1\%$, whichever greater; 200-500%, $\pm 15\%$ reading
	temperature	$\pm 0.2^\circ$ C
Range	mg/L	0-50 mg/L
	% air	0-500% air saturation
	temperature	Ambient (10 to $+40^\circ$ C); Compensation (-5 to $+50^\circ$ C)
Resolution	mg/L	0.01
	% air	0.1%
	temperature	0.1° C
Part Numbers	626400 (U.S./Japan); 626401 (International) - includes power supply	
Warranty	2-years; 1-year sensor cap	
Cable Length	2-meters (6 feet)	
Power	External 110-230 VAC power supply with DC input to sensor	
Sensor Type	Optical; dynamic luminescence quenching lifetime detection	
Response Time	T95 = 22 seconds with stirring; T95 = 40 seconds without stirring	
IP Rating	IP-65	
Certifications	RoHS, CE, WEEE, Assembled in USA	

ISO 9001
ISO 14001

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Specifications are subject to change.
Please visit www.YSI.com to verify all specs.



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The YSI ProOBOD probe is used with the YSI ProODO handheld optical dissolved oxygen instrument. The ProODO instrument is a rugged, durable handheld for the lab or field. The instrument boasts a 3-year warranty and comes with YSI's exclusive Data Manager desktop software, USB cable, and ProComm II communications saddle.

The ProOBOD easily connects to the ProODO handheld and makes it convenient to conduct lab BOD's with a very compact footprint.