

Industrial grade portable meter with extended range

The Hanna HI-98186 dissolved oxygen meter includes a barometric pressure measurement together with calibration featuring a user selectable unit in addition to salinity, pressure and temperature compensation.

Main Benefits

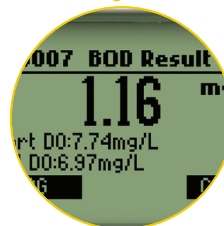
- Extended DO range up to 50 ppm and 600% saturation
- Built-in barometer for automatic pressure compensation
- Log-on demand for 400 samples
- Backlit display

Product Specifications

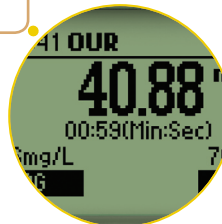
Product Code	HI-98186	
Range	Dissolved Oxygen	0.00 to 50.00 ppm; 0.0 to 600.0 % saturation
	Barometric Pressure	450 to 850 mmHg
	Salinity Compensation	0 to 70 ppt (g/L)
	Temperature	-20.0 to 120.0°C
Resolution	Dissolved Oxygen	0.01 ppm; 0.1% saturation
	Barometric Pressure	1 mm Hg
	Temperature	0.1°C
Accuracy	Dissolved Oxygen	0 to 300%: ±1.5% of reading or ±1.0%, whichever is greater; 300 to 600%: ±3% of reading; 0 to 30 mg/L: ±1.5% of reading or 0.10 mg/L whichever is greater; 30 mg/L to 50 mg/L: ±3% of reading
	Barometric Pressure	± 3 mmHg within ±15°C from the calibration point
	Temperature	±0.2°C (excluding probe error)
Measurement Modes		
Direct D.O.; BOD (biochemical oxygen demand); OUR (oxygen uptake rate); SOUR (specific oxygen uptake rate)		
Calibration	Dissolved Oxygen	Automatic, 1 or 2 points or manual, 1 point
	Barometric Pressure	1 point
	Temperature	1 or 2 points
Temperature Compensation		
Automatic between 0.0 to 50.0°C		
Probe		
HI-76407/4F Polarographic with built-in temperature sensor & 4 m cable		
Memory		
400 samples log on demand		
PC Connectivity		
Opto-isolated USB (with HI-92000 software)		
Battery Type/Life		
(4) 1.2V AA rechargeable batteries/ approx. 200 hrs continuous use (without backlight)		
Recharger		
Inductive recharger (included)		
Auto-off		
User Selectable: 5, 10, 30, 60 min or can be disabled		
Environment		
IP67		
Dimensions		
226.5 x 95 x 52 mm		
Weight		
525 g		



BOD parameters and records



BOD results, directly on screen



OUR results, no conversion required



SOUR results on easy read display



Product Uses



River and lake environmental studies



Coastal and estuary monitoring



Waste water treatment



Boiler water treatment



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.