

# OXYGEN METER

*Model: DO-5510*

*ISO-9001, CE, IEC 1010*



## Features:

- \* This Digital Oxygen Meter is supplied with a polarographic type probe with an incorporated temp. sensor which serves for precision Dissolved Oxygen (DO), Oxygen in air(O<sub>2</sub>), Temp. measurement.
- \* Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industrial, Schools & Colleges, Quality control...
- \* Dissolved Oxygen: 0 to 20.0 mg/L.
- \* Automatic temp. compensation from 0 to 50°C for sensor.
- \* Build in “% SALT” & “Mountain Height” compensation, adjust the factor by push the button on the front panel.
- \* Auto power off saves battery life.
- \* RS232 computer interface.



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<p>* Automatic temp. compensation from 0 to 50 °C for sensor.</p>	<p>* Operates from 006P DC 9V battery.</p> <p>* RS 232 PC serial interface.</p>
<p>* Build in "% SALT" &amp; "Mountain Height" compensation, adjust the factor by push the button on the front panel.</p>	<p>* Build in temperature °C, °F measurement.</p> <p>* Used the durable, long-lasting components, including a heavy duty &amp; compact ABS-plastic housing case.</p>
<p>* Auto shut off saves battery life.</p>	

SPECIFICATIONS				
Circuit	Custom one-chip of microprocessor LSI circuit.	Operating Temperature	0 °C to 50 °C(32 °F to 122 °F)	
Display	* 13 mm(0.5"). Super large LCD display with contrast adjustment for best viewing angle. * Dual function meter's display.	Operating Humidity	Max. 80% RH.	
		Sample Time	Approx. 0.4 sec.	
Measurement & Range	Dissolved Oxygen	0 to 20.0 mg/L	Power Supply	
	Oxygen in Air	0 to 100.0 %		006P DC 9V battery (Heavy duty type).
	Temperature, °C	0 - 50 °C	Power Current	Approx. DC 6.6 mA.
	Temperature, °F	32 - 140 °F	Weight	335 g/0.74 LB
Resolution	Dissolved Oxygen	0.1 mg/L	Size	
	Oxygen in Air	0.1 % O <sup>2</sup>		Main instrument: 180 x 72 x 32 mm. (7.1 x 2.8 x 1.3 inch)
	Temperature	0.1 °C.		Oxygen probe : 125 mm x 20 mm Dia. (4.9" x 0.8" Dia.)
Accuracy (23 ± 5 °C)	Dissolved Oxygen	± 0.4 mg/L.	Accessories included	
	Oxygen in Air	± 0.7% O <sup>2</sup> .		Oxygen probe.....1 PC.
	Temperature	± 0.8 °C/1.5 °F		Carrying case.....1 PC.
Sensor Structure	The polarographic type oxygen probe with an incorporated temp. sensor.		Operation manual.....1 PC.	
	Temperature	0 to 50 °C. Automatic	Spare Diaphragm(5 PCs per pack) OXDP-02.....1 set	
	Salt	0 to 39 % Salt	Probe-filling Electrolyte OXEL-03.....1 set	
Probe Compensation & Adj.	Height(M. T.)	0 to 3900 meter	Optional Accessories	
				Oxygen probe(for DO-5510) .....OXPB-01C
Memory Recall	Records Maximum, Minimum and Average readings with RECALL.		Spare Diaphragm(5 PCs per pack) .....OXDP-02	
Power off	Auto shut off saves battery life, or manual off by push button.		Probe-filling Electrolyte .....OXEL-03	
Data Output	RS 232 PC serial interface.		RS232 cable.....UPCB-02	
Over input indication	Indication of " - - - -".		Software, windows version .....SW-U801-WIN	

\* Appearance and specifications listed in this brochure are subject to change without notice.

0107-DO5510