

OXYGEN METER

Model : DO-5510

ISO-9001, CE, IEC1010



FEATURES

- * The polarographic type oxygen probe with an incorporated Temp. sensor, high precision measurement for Dissolved Oxygen(DO), Oxygen in air(O₂) & Temp. measurement.
- * Heavy duty dissolved oxygen probe, probe head can connect with BOD bottle.
- * Automatic Temp. compensation from 0 to 50 °C for sensor probe.
- * Build in " % SALT " & " Mountain Height " compensation adjustment button.
- * Microprocessor circuit.
- * Records Maximum, Minimum value.
- * RS 232 PC serial interface.



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The Art of Measurement

OXYGEN METER

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GENERAL DESCRIPTIONS

This Digital Oxygen Meter is supplied with a polarographic type probe with an incorporated Temp. sensor which serves for precise Dissolved Oxygen(DO), Oxygen in air(O₂), Temp. measurement. Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industry, Schools & Colleges, Quality control...

FEATURES

* The polarographic type oxygen probe with an incorporated Temp. sensor, high precision measurement for Dissolved	* Microprocessor circuit assures high accuracy and provides special functions and features.
* Oxygen(DO), Oxygen in air(O ₂) & Temperature measurement.	* Multi-display, show oxygen & Temp. at the same time.
* Heavy duty dissolved oxygen probe, probe head can connect with BOD bottle.	* Records Maximum, Minimum and Average readings with RECALL, data hold.
* Automatic Temp. compensation from 0 to 50 °C for sensor probe.	* Auto power off saves battery life. Powered by 006P DC 9V battery.
* Build in " % SALT " & " Mountain Height " compensation , adjust the factor by push the button on the front panel.	* RS 232 PC serial interface.
	* Build in temperature , °F measurement.
	* Use the durable, long-lasting components, including a heavy duty & compact ABS-plastic housing case.

SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.		Data Output	RS 232 PC serial interface.
			Operating Temperature	0 to 50 °C (32 to 122 °F).
Display	Dual function meter's display, 13 mm(0.5"). Super large LCD display with contrast adjustment for best viewing angle.		Operating Humidity	Max. 80% RH.
			Measurement & Range	
Measurement & Range	Dissolved Oxygen	0 to 20.0 mg/L(liter).	Sample Time	Approx. 0.4 sec.
	Oxygen in Air	0 to 100.0 %.	Power Supply	006P DC 9V battery(Heavy duty type).
	Temperature	0 to 50 °C.	Power Current	Approx. DC 6.6 mA.
Resolution	Dissolved Oxygen	0.1 mg/L.	Weight	335 g/0.74 LB (batteries & probe included)
	Oxygen in Air	0.1 % O ₂ .	Size	Main instrument: 180 x 72 x 32 mm(7.1 x 2.8 x1.3 inch).
	Temperature	0.1 .		
Accuracy (23 5)	Dissolved Oxygen	0.4 mg/L.	Accessories included	Oxygen probe(OXPB-11).....1 PC. Carrying case.....1 PC. Operation manual.....1 PC. Spare Diaphragm(5 PCs per pack) OXDP-02.....1 set Probe-filling Electrolyte OXEL-03.....1 set
	Oxygen in Air	0.7% O ₂ .		
	Temperature	0.8 °C /1.5 °F.		
Sensor Structure	The polarographic type oxygen probe with an incorporated temperature sensor.		Optional Accessories	Oxygen probe..... OXPB-11 Spare Diaphragm(5 PCs per pack)OXDP-02 Probe-filling ElectrolyteOXEL-03
Probe Compensation & Adj.	Temperature	0 to 50 °C, Automatic		
	Salt	0 to 39 % Salt		
	Height(M. T.)	0 to 3900 meter		
Memory Recall	Records Maximum, Minimum and Average readings with RECALL.			
Power off	Auto power off saves battery life, or manual off by push button.			
Over input indication	Indication of " - - - ".			

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

CAT-0408-DO5510N