

DISSOLVED 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.

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.	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.
		Sample Time	Approx. 0.4 sec.
Measurement & Range	Dissolved Oxygen 0 to 20.0 mg/L(liter). Oxygen in Air 0 to 100.0 %. Temperature 0 to 50 °C.	Power Supply	006P DC 9V battery(Heavy duty type).
		Power Current	Approx. DC 6.6 mA.
		Weight	335 g/0.74 LB (batteries & probe included)
Resolution	Dissolved Oxygen 0.1 mg/L. Oxygen in Air 0.1 % O ₂ . Temperature 0.1 .	Size	Main instrument: 180 x 72 x 32 mm(7.1 x 2.8 x1.3 inch). Oxygen probe : 190 mm x 28 mm Dia. (7.5" x 1.1" Dia.)
Accuracy (23 5)	Dissolved Oxygen 0.4 mg/L. Oxygen in Air 0.7% O ₂ . Temperature 0.8 °C /1.5 °F.	Accessories included	Oxygen probe(OXPB-11)..... 1 PC. Carrying case..... 1 PC. Operation manual..... 1 PC. Spare Probe head with Diaphragm OXHD-04..... 2 PCs. Probe-filling Electrolyte OXEL-03..... 1 PC.
Sensor Structure	The polarographic type oxygen probe with an incorporated temperature sensor.		
Probe Compensation & Adj.	Temperature 0 to 50 °C , Automatic Salt 0 to 39 % Salt Height(M. T.) 0 to 3900 meter	Optional Accessories	* Oxygen probe..... OXPB-11 * Spare Probe head with Diaphragm set OXHD-04 * Probe-filling Electrolyte..... OXEL-03 * RS232 cable.....UPCB-01 * USB cable.....USB-01 * Data Acquisition softwareSW-U801-WIN
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 " - - - ".		
Data Output	RS 232 PC serial interface.		

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

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