

# OXYGEN METER

Model : DO-5510HA

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(O<sub>2</sub>) & 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.



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*The Art of Measurement*

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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(O<sub>2</sub>), 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.
	* Multi-display, show oxygen & Temp. at the same time.
* Oxygen(DO), Oxygen in air(O <sub>2</sub> ) & Temperature measurement.	* Records Maximum, Minimum and Average readings with RECALL, data hold.
* Heavy duty dissolved oxygen probe, probe head can connect with BOD bottle.	* Auto power off saves battery life. Powered by 006P DC 9V battery.
* Automatic Temp. compensation from 0 to 50 °C for sensor probe.	* Build in temperature , °F measurement.
* Build in " % SALT " & " Mountain Height " compensation , adjust the factor by push the button on the front panel.	* Use the durable, long-lasting components, including a heavy duty & compact ABS-plastic housing case.

## SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.	Over input indication	Indication of "- - - -".
Display	Dual function meter's display, 13 mm(0.5"). Super large LCD display with contrast adjustment for best viewing angle.	Operating Temperature	0 to 50 °C (32 to 122 °F).
		Operating Humidity	Max. 80% RH.
Measurement & Range	Dissolved Oxygen	0 to 20.0 mg/L(liter).	Sample Time Approx. 0.4 sec.
	Oxygen in Air	0 to 100.0 %.	
	Temperature	0 to 50 °C.	
Resolution	Dissolved Oxygen	0.1 mg/L.	Power Supply 006P DC 9V battery(Heavy duty type).
	Oxygen in Air	0.1 % O <sub>2</sub> .	Power Current Approx. DC 6.6 mA.
	Temperature	0.1 .	Weight 335 g/0.74 LB (batteries & probe included)
Accuracy (23 5 )	Dissolved Oxygen	0.4 mg/L.	Size Main instrument: 185 x 78 x 38 mm ( 7.3 x 3.0 x 1.5 inch ). Oxygen probe : 190 mm x 28 mm Dia. ( 7.5" x 1.1" Dia. )
	Oxygen in Air	0.7% O <sub>2</sub> .	
	Temperature	0.8 °C /1.5 °F.	
Sensor Structure	The polarographic type oxygen probe with an incorporated temperature sensor.		Accessories included Oxygen probe( OXPB-11 )..... 1 PC. Carrying case.....1 PC. Operation manual..... 1 PC. Spare Probe head with Diaphragm OXHD-04.....2 PC. Probe-filling Electrolyte OXEL-03.....1 PC.
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.		Optional Accessories * Oxygen probe..... OXPB-11 * Spare Probe head with Diaphragm set .....OXHD-04 * Probe-filling Electrolyte.....OXEL-03
Power off	Auto power off saves battery life, or manual off by push button.		

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

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