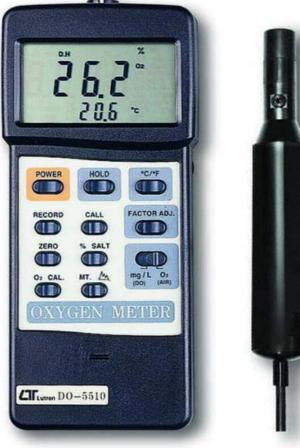


# OXYGEN METER Model : DO-5510

## ISO-9001, CE, IEC1010





### FEATURES

- \* The polarographic type oxygen probe with an incorpo- rated 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  $^{\circ}$ C for sensor probe.
- \* Build in " % SALT " & " Mountain Height " compensation adjustment button.
- \* Microprocessor circuit.
- \* Records Maximum, Minimum value.
- \* RS 232 PC serial interface.



The Art of Measurement

## OXYGEN METER

### Model : DO-5510

#### **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 incorpo-	* Microprocessor circuit assures high accuracy and			
rated Temp. sensor, high precision measurement for	provides special functions and features.			
Dissolved	* Multi-display, show oxygen & Temp. at the same time.			
* Oxygen(DO), Oxygen in air(O2) & Temperature	* Records Maximum, Minimum and Average readings with			
measurement.	RECALL, data hold.			
* Heavy duty dissolved oxygen probe, probe head can	* Auto power off saves battery life.			
connect with BOD bottle.	Powered by 006P DC 9V battery.			
* Automatic Temp. compensation from 0 to 50 $^\circ\!\mathrm{C}$ for	* RS 232 PC serial interface.			
sensor probe.	* Build in temperature , °F measurement.			
* Build in " % SALT " & " Mountain Height "	* Use the durable, long-lasting components, including a			
compensation, adjust the factor by push the button on	heavy duty & compact ABS-plastic housing case.			
the front panel.				

SPECIFICATIONS						
Circuit	Custom one-chip of microprocessor LSI		Operating	0 to 50 ℃ (32 to 122 °F).		
	circuit.		Temperature			
Display	Dual function meter's display, 13 mm(0.5").		Operating	Max. 80% RH.		
	Super large LCD display with contrast		Humidity			
	adjustment for best viewing angle.		Sample Time	Approx. 0.4 sec.		
Measurement	Dissolved Oxygen	0 to 20.0 mg/L(liter).	Power Supply	006P DC 9V battery(Heavy duty type).		
& Range	Oxygen in Air	0 to 100.0 %.	Power Current	Approx. DC 6.6 mA.		
	Temperature	0 to 50 °C.	Weight	335 g/0.74 LB (batteries & probe included)		
Resolution	Dissolved Oxygen	0.1 mg/L.	Size	Main instrument:		
	Oxygen in Air	0.1 % 02 .		180 x 72 x 32 mm(7.1 x 2.8 x1.3 inch).		
	Temperature	0.1 .		Oxygen probe :		
Accuracy	Dissolved Oxygen	0.4 mg/L.		190 mm x 28 mm Dia. (7.5" x 1.1" Dia.)		
(23 5 )	Oxygen in Air	0.7% 02.	Accessories	Oxygen probe( OXPB-11 )1 PC.		
	Temperature	0.8 ℃ /1.5 °F.	included	Carrying case 1 PC.		
Sensor	The polarographic type oxygen probe with			Operation manual1 PC.		
Structure	an incorporated temperature sensor.			Spare Probe head with Diaphragm		
Probe	Temperature	0 to 50 °C ,		OXHD-04 2 set		
Compensation		Automatic		Probe-filling Electrolyte		
& Adj.	Salt	0 to 39 % Salt		OXEL-03 1 set		
	Height(M. T.)	0 to 3900 meter	Optional	* Oxygen probeOXPB-11		
Memory	Records Maximum, Minimum and		Accessories	* Spare Probe head with Diaphragm set		
Recall	Average readings with RECALL.			OXHD-04		
Power off	Auto power off saves battery life, or			* Probe-filling ElectrolyteOXEL-03		
	manual off by push button.			* RS232 cableUPCB-02		
Over input	Indication of "".			* USB cableUSB-01		
indication				* Data Acquisition software		
Data Output	RS 232 PC serial interface.			SW-U801-WIN		

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

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