



# OXYGEN METER, Model: DO-5510

## 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<sup>2</sup>), Temp. measurement Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industrial, Schools & Colleges, Quality control.
- \* 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 shut off saves battery life.
- \* Microprocessor circuit assures high accuracy and provides special functions and features.
- \* Super large LCD display with contrast adjustment for best viewing angle.
- \* Multi display, show oxygen & temp. at the same time.
- \* Records Maximum, Minimum and Average readings with RECALL.
- \* Data hold.
- \* Operates from 006P DC 9V battery.
- \* RS 232 PC serial interface.
- \* Build in temperature °C, °F measurement.
- \* Used 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 °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	006P DC 9V battery (Heavy duty type).
	Oxygen in Air	0 to 100.0 %	Power Current	Approx. DC 6.6 mA.
	Temperature, °C	0 - 50 °C	Weight	335 g/0.74 LB
	Temperature, °F	32 - 140 °F	Size	Main instrument: 180 x 72 x 32 mm. (7.1 x 2.8 x 1.3 inch)
Resolution	Dissolved Oxygen	0.1mg/L		Oxygen probe: 125 mm x 20 mm Dia. (4.9" x 0.8" Dia.)
Accuracy (23 ± 5 °C)	Oxygen in Air	0.1% O <sup>2</sup>	Accessories included	Oxygen probe 1 PC.
	Temperature	0.1 °C.		Carrying case 1 PC.
	Dissolved Oxygen	+0.4mg/L.		Operation manual 1 PC.
Sensor Structure	The polarographic type oxygen probe with an incorporated temp. sensor.		Optional Accessories	Spare Diaphragm (5 PCs per pack) OXDP-02 1 set
	Temperature	0 to 50 °C. Automatic		Probe-filling Electrolyte OXEL-03 1 set
	Salt	0 to 39 % Salt		Oxygen probe (for DO-5510) .....OXPB-01C
Probe Compensation & Adj.	Height (M. T.)	0 to 3900 meter	Optional Accessories	Spare Diaphragm (5 PCs per pack) OXDP-02
Memory Recall	Records Maximum, Minimum and Average readings with RECALL.			Probe-filling Electrolyte .....OXEL-03
Power off	Auto shut off saves battery life, or manual off by push button.			
Data Output	RS 232 PC serial interface.			
Over input indication	Indication of "----"			

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