



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 (O²), 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 ²	Accessories included	Oxygen probe 1 PC.
	Temperature	0.1 °C.		Carrying case 1 PC.
	Dissolved Oxygen	+0.4mg/L.	Operation manual 1 PC.	Spare Diaphragm (5 PCs per pack) OXDP-02 1 set
Sensor Structure	The polarographic type oxygen probe with an incorporated temp. sensor.		Optional Accessories	Probe-filling Electrolyte OXEL-03 1 set
	Temperature	0 to 50 °C. Automatic		Oxygen probe (for DO-5510)OXPB-01C
	Salt	0 to 39 % Salt		Spare Diaphragm (5 PCs per pack)OXDP-02
Probe Compensation & Adj.	Height (M. T.)	0 to 3900 meter	Probe-filling ElectrolyteOXEL-03	
Memory Recall	Records Maximum, Minimum and Average readings with RECALL.			
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 "----"			

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