

Pen type, separate probe, auto Cal., IP-65

DISSOLVED OXYGEN METER

Model : PDO-520

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

Pen type, separate probe, auto calibration DISSOLVED OXYGEN METER

Model : PDO-520

FEATURES	
* This Digital Oxygen Meter is supplied with a polarographic type probe with an incorporated Temp. sensor which serves for precise Dissolved Oxygen (DO) and Temp. measurement.	
* Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industry, Schools & Colleges, Quality control...	
* Heavy duty dissolved oxygen probe, probe head size can connect with BOD bottle.	
* Separate probe with 4 meters cable.	
* Automatic Temp. compensation from 0 to 50 °C for sensor.	
* Microprocessor circuit assures high accuracy and provides special functions and features.	
* Multi-display, show Dissolved oxygen & Temp. at the same time.	
* Build in temperature °C, °F measurement.	
* Temperature unit can default to °C or °F.	
* LCD with two display, easy readout.	
* Auto power off to save the battery life.	
* Records Maximum and Minimum readings with recall.	
* Data hold function for freezing the desired value.	
* Use the durable, long-lasting components, including a heavy duty & compact ABS-plastic housing case.	

SPECIFICATIONS		
Display	LCD size : 29 mm x 28 mm. Dual function LCD	
Circuit	Custom one-chip of microprocessor LSI circuit.	
Measurement and Range	Dissolved Oxygen	0 to 20.0 mg/L (liter).
	Air Oxygen	0 to 100.0 %.
	* For reference only	
Resolution	Temperature	0 to 50 °C.
	Dissolved Oxygen	0.1 mg/L.
	Oxygen in Air	0.1 % O ₂ .
Accuracy (23± 5 °C)	Temperature	0.1 °C.
	Dissolved Oxygen	± 0.4 mg/L.
	Oxygen in Air	± 0.7% O ₂ .
Sensor Structure	* For reference only	
	Temperature	± 0.8 °C/1.5 °F.
Temp. Compensation	The polarographic type oxygen probe with an incorporated temperature sensor.	
Memory Recall	Temperature	0 to 50 °C ,
	* Automatic adj.	
Power off	Records Maximum, Minimum readings with recall.	
Data Hold	Auto power off saves battery life, or manual off by push button.	
Sampling Time of display	Freeze the display reading.	
Operating Temp.	Approx. 1 second.	
Operating Humidity	0 to 50 °C .	
Power Supply	Less than 80% RH.	
Power Current	DC 1.5V battery (UM-4/AAA) x 4 PCs.	
Weight	Approx. DC 6.2 mA.	
Dimension	390 g/0.86 LB.	
Accessories Included	Main instrument: 180 x 40 x 40 mm (7.1 x 1.6 x 1.6 inch).	
	Oxygen probe : 190 mm x 28 mm Dia. (7.5" x 1.1" Dia.)	
	Probe's cable length : 4 meters.	
Optional probe and accessories	Oxygen probe, OXPB-11.....	1 PC.
	Soft carrying case, CA-05A.....	1 PC.
	Operation manual.....	1 PC.
	Spare Probe head with Diaphragm OXHD-04.....	2 PC.
	Probe-filling Electrolyte OXEL-03.....	1 PC.
Optional probe and accessories	* Oxygen probe.....	OXPB-11
	* Spare Probe head with Diaphragm set.....	OXHD-04
	* Probe-filling Electrolyte.....	OXEL-03
	* Hard carrying case.....	CA-06