

Pen type, separate probe, auto Cal., IP-65
**DISSOLVED OXYGEN
 METER**

Model : PDO-520

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

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DISSOLVED OXYGEN METER

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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 gen	0 to 100.0 %.
	<i>* For reference only</i>	
	Temperature	0 to 50 °C.
Resolution	Dissolved Oxygen	0.1 mg/L.
	Oxygen in Air	0.1 % O ₂ .
	Temperature	0.1 °C.
Accuracy (23± 5 °C)	Dissolved Oxygen	± 0.4 mg/L.
	Oxygen in Air	± 0.7% O ₂ .
	<i>* For reference only</i>	
	Temperature	± 0.8 °C/1.5 °F.
Sensor Structure	The polarographic type oxygen probe with an incorporated temperature sensor.	
Temp. Compensation	Temperature	0 to 50 °C,
	<i>* Automatic adj.</i>	
Memory Recall	Records Maximum, Minimum readings with recall.	
Power off	Auto power off saves battery life, or manual off by push button.	
Data Hold	Freeze the display reading.	
Sampling Time of display	Approx. 1 second.	
Operating Temp.	0 to 50 °C.	
Operating Humidity	Less than 80% RH.	
Power Supply	DC 1.5V battery (UM-4/AAA) x 4 PCs.	
Power Current	Approx. DC 6.2 mA.	
Weight	390 g/0.86 LB.	
Dimension	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.	
Accessories Included	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

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