

*Pen type, IP 67*

# DISSOLVED OXYGEN METER

Model : PDO-519

*ISO-9001, CE, IEC1010*



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

*Pen type, auto calibration*

# DISSOLVED OXYGEN METER

Model : PDO-519

FEATURES	
* This Digital Dissolved 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	
* All in one Pen type Dissolved Oxygen Meter, easy operation.	
* 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 and temperature 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.	
* IP-67 Water resistance.	
* 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 & Range	Dissolved Oxygen	0 to 20.0 mg/L ( liter ).
	Air Oxygen	0 to 100.0 %. * For reference only
	Temperature	0 to 50 °C .
Resolution	Dissolved Oxygen	0.1 mg/L.
	Oxygen in Air	0.1 % O2 .
	Temperature	0.1 °C .
Accuracy (23± 5 °C)	Dissolved Oxygen	± 0.4 mg/L.
	Oxygen in Air	± 0.7% O2. * For reference only
	Temperature	± 0.8 °C/1.5 °F.
Sensor Structure	The polarographic type oxygen probe with an incorporated Temp. sensor.	
Temp. Compensation	0 to 50 °C, * Automatic adjustment	
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	176 g/0.39 LB. * Include probe and battery.	
Protection	IP-65 : 0 to 50 °C. IP-67 : 0 to 30 °C .	
Dimension	180 x 40 x 40 mm ( 7.1 x 1.6 x 1.6 inch ).	
Accessories Included	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 Accessories	* Oxygen probe..... OXPB-19 * 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.