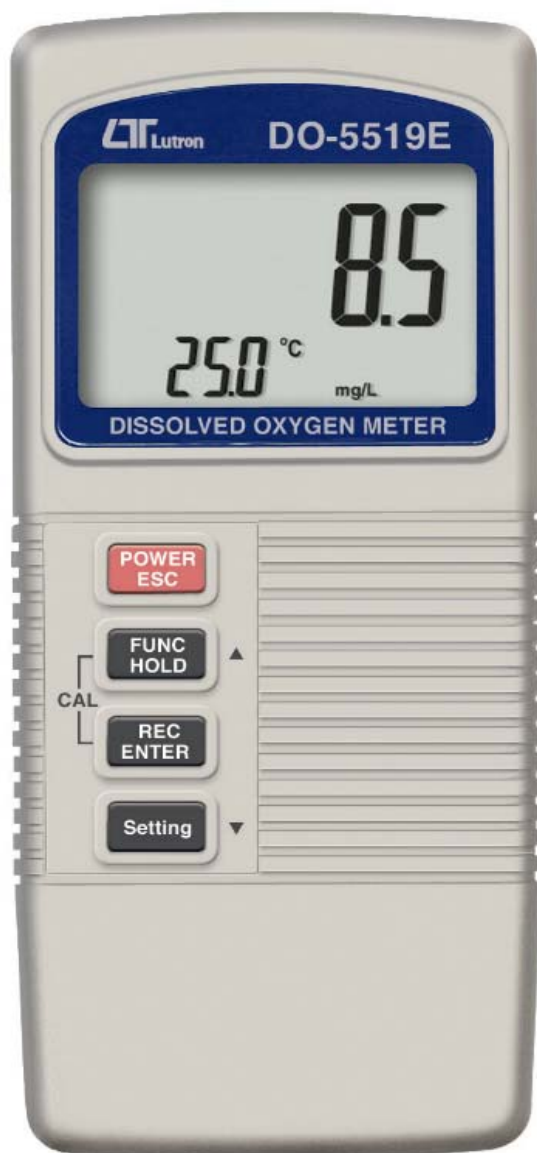


two displays, with Temp. measurement

DISSOLVED OXYGEN METER

Model : DO-5519E

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC



The Art of Measurement

auto calibration

DISSOLVED OXYGEN METER

Model : DO-5519E

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.
* Build in advanced setting procedures, it can adjust the " % SALT " & " Height " compensation value.
* 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.
* LCD with two display, easy readout.
* Power function can default to auto off or manual off.
* Temperature unit can default to °C or °F.
* Microcomputer circuit, intelligent function, high accuracy.
* 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 : 44 mm x 29 mm. Dual function LCD	
Circuit	Custom one-chip of microprocessor LSI circuit.	
Measurement & Range	Dissolved Oxygen	0 to 20.0 mg/L (liter).
	Oxygen in Air	0 to 100.0 %.
	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.
	<i>* For reference only</i>	
	Temperature	± 0.8 °C/1.5 °F.
Sensor Structure	The polarographic type oxygen probe with an incorporated temperature sensor.	
Memory Recall	Records Maximum, Minimum readings with recall.	

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

Probe Compensation and Adjustment	Temperature	0 to 50 °C ,
	<i>* Automatic adj.</i>	
	Salt <i>* Manual adj.</i>	0 to 39 %Salt (% Weight)
	Height <i>* Manual adj.</i>	0 to 3,900 meter
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 Temperature	0 to 50 °C .	
Operating Humidity	Less than 80% RH.	
Power Supply	006P DC 9V battery (Alkaline or Heavy duty type).	
Power Current	Approx. DC 6.2 mA.	
Weight	446 g/0.98 LB.	
Dimension	<i>Main instrument:</i> 135 x 60 x 33 mm.	
	<i>Oxygen probe :</i> 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	

OPTIONAL ACCESSORIES

Carrying case CA-06	Hard carrying case. (280 x 195 x 65 mm)
	

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