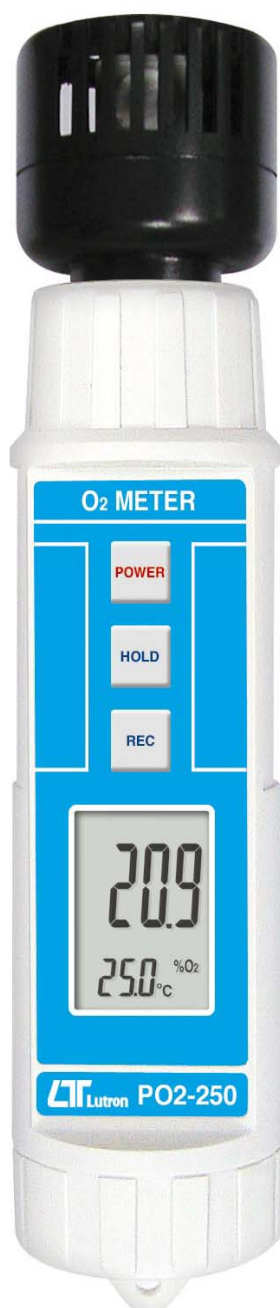


Pen type

O₂ METER

Model : PO2-250

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

pen type

O₂ METER

Model : PO2-250

FEATURES

* O2 (Air oxygen) and Temp. (Air Temp.) measurement.
* O2 measurement range : 0 to 30.0 % x 0.1 %.
* Temp. measurement range : 0 to 50 °C, °C/°F.
* Galvanic cell type for O2 sensor.
* High reliability Oxygen sensor, not be affected by acidic gases like CO2.
* Oxygen sensor with temperature compensated.
* Data hold, to freeze the desired reading value.
* Auto power off saves battery life.
* Operates from DC 1.5V (UM4/AAA) x 4 PCs batteries.
* Microprocessor circuit ensure high accuracy, and also and also provides special functions and features.
* Durable and compact ABS-plastic housing.
* Application : O2 monitor/dectors, Food industrial (Refrigerator, Vegetable factory), Bio-Technology (Oxygen incubator, Anaerobic cultivator), Security system (Air conditioner and Oxygen shortage alarm system, Fire alarm system), Fuel cell system.

Power Current	Approx. DC 4.0 mA
Weight	194 g/ 0.43 LB.
Dimension	180 x 40 x 40 mm (7.1" x 1.6" x 1.6")
Accessories	Instruction manual..... 1 PC
Included	Soft carrying case (CA-52A)..... 1 PC
Application	* O2 monitor/dectors. * Food industrial : Refrigerator, Vegetable factory * Bio-Technology : Oxygen incubator, Anaerobic cultivator * Security system : Air conditioner and Oxygen shortage alarm system, Fire alarm system * Fuel cell system.

ELECTRICAL SPECIFICATIONS (23± 5 °C)

O2 (Air oxygen)

Range	0 to 30 %O2.
Resolution	0.1 %O2.
Accuracy	± (1 % reading + 0.2 % O2). @ After calibration
Response time	≤ 15 seconds. @ t 90
Overload protection	100 %O2.
Environment pressure range	0.9 to 1.1 atmosphere.
Expected life time	≥ 2 years.

Temperature (Air Temp.)

Range	0 °C to 50 °C, 32 °F to 122 °F.
Resolution	0.1 degree
Accuracy	°C - ± 0.8 °C. °F - ± 1.5 °F.

GENERAL SPECIFICATIONS

Display	LCD size : 28 mm x 19 mm.	
Measurement	O2 (Air oxygen) Temperature (Air Temp.)	
Sensor	Oxygen	Galvanic cell type
	Temperature	Thermistor
Circuit	Custom one-chip of microprocessor LSI circuit.	
Data Hold	Freeze the display reading.	
Sampling Time	Approx. 1 second.	
Power off	Auto shut off saves battery life.	
Operating Temperature	0 to 50 °C .	
Operating Humidity	Less than 80% R.H.	
Power Supply	DC 1.5 V battery (UM4/AAA) x 4 PCs.	