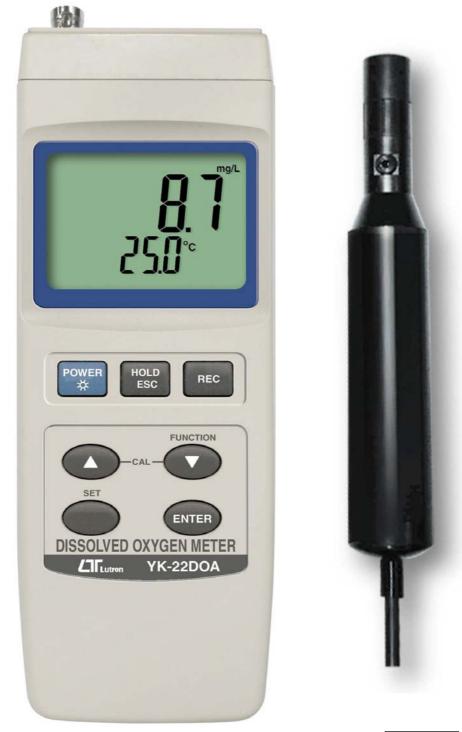
## DISSOLVED OXYGEN METERModel : YK-22DOAISO-9001, CE, IEC1010







**LUTRON ELECTRONIC** 

The Art of Measurement

## **DISSOLVED OXYGEN METER**

## Model: YK-22DOA FEATUR

FEATURES		
* One meter for Dissolved Oxygen measurement.	Power Supply	* Alkaline or heavy duty DC 9V (006 P)
* Dissolved oxygen : 0 to 20.0 mg/L.		battery or equivalent.
* Dissolved oxygen meter use the polar graphic type		* DC 9V adapter input. ( AC/DC power adapter
oxygen probe with temperature sensor, high precision		is optional ).
measurement for Dissolved Oxygen ( DO ) and	Power Current	Normal operation (LCD Backlight is OFF) :
temperature measurement.		Approx. DC 14 mA.
* Heavy duty dissolved oxygen probe, probe head can		* If LCD backlight on, the power
connect with BOD bottle.		consumption will increase approx. 12 mA.
* DO use the automatic Temp. compensation.	Weight	489 g/1.08 LB.
* DO use the automatic Temp. compensation.	Dimension	177 x 68 x 45 mm
* DO meter build in " % SALT " & " Mountain Height "	* Meter	(7.0 x 2.7x 1.9 inch)
compensation value adjustment.	Probe Weight	335 g/0.74 LB
* Separate probe, easy for operation of different	Probe Size	190 mm x 28 mm Dia. ( 7.5" x 1.1" Dia. )
measurement environment.	Probe Cable	4 meters.
* Wide applications: water conditioning, aquariums,	Length	
beverage, fish hatcheries, food processing,	Accessories	* Operation manual1 PC
pHotograpHy, laboratory, paper industry, plating	Included	* Hard carrying case, CA-061 PC
industry, quality control, school & college, water		* Dissolved Oxygen probe, OXPB-111 PC
conditioning.		Spare Probe head with Diaphragm
* LCD with green light backlight, easy reading.		OXHD-042 PCs
* Can default auto power off or manual power off.		Probe-filling Electrolyte
* Data hold, record max. and min. reading.		OXEL-031 PC
* Microcomputer circuit, high accuracy.	Optional	* Oxygen probeOXPB-11
* Power by DC 9V battery (006 P) or DC 9V adapter.	Accessories	* Spare Probe head with Diaphragm set
* RS232/USB PC COMPUTER interface.		OXHD-04
		* Probe-filling ElectrolyteOXEL-03
GENERAL SPECIFICATIONS		* AC to DC 9V adapter.

## GENERAL SPECIFICATIONS

GENERAL SPE		_
Circuit	Custom one-chip of microprocessor LSI	
	circuit.	
Display	LCD size : 52 mm x 38 mm	
	LCD with green backlight ( ON/OFF ).	
Measurement	Dissolved Oxygen, Temperature.	
Function		ELECTRICAL
Advanced	* Auto power OFF management	Oxygen
setting	* Set beep Sound ON/OFF	Probe
	* Set temperature unit to $\ ^\circ\! C$ or $\ ^\circ\! F$	Measurement
	* Set DO salt % compensation value	& Range
	* Set DO height ( meter ) compensation value	
	* Set DO height (feet) compensation value	Resolution
Data Hold	Freeze the display reading.	
Memory Recall	Maximum & Minimum value.	
Sampling Time	Approx. 1 second.	Accuracy
of Display		(23±5℃)
Data Output	RS 232/USB PC computer interface.	
	* Connect the optional RS232 cable	Probe
	UPCB-02 will get the RS232 plug.	Compensation
	* Connect the optional USB cable	& Adj.
	USB-01 will get the USB plug.	
Operating	0 to 50 ℃.	Probe Weight
Temperature		Probe Size
Operating	Less than 85% R.H.	
Humidity		

Oxygen	OXPB-11, included.		
Probe	The polarographic type oxygen probe .		
Measurement	Dissolved Oxygen	0 to 20.0 mg/L (liter).	
& Range	Oxygen in Air	0 to 100.0 %.	
	Temperature	0 to 50 ℃.	
Resolution	Dissolved Oxygen	0.1 mg/L.	
	Oxygen in Air	0.1 % O2 .	
	Temperature	0.1 ℃.	
Accuracy	Dissolved Oxygen	± 0.4 mg/L.	
(23±5℃)	Oxygen in Air	± 0.7% O2.	
	Temperature	± 0.8 ℃/1.5 °F.	
Probe	Temperature	0 to 50 $^\circ \!\! \mathbb{C}$ ,	
Compensation		Automatic	
& Adj.	Salt	0 to 50 % Salt	

Height (M. T.)

335 g/0.74 LB

\* Data Acquisition software, SW-U801-WIN. \* Excel Data Acquisition software, SW-E802

\* USB cable, USB-01. \* RS232 cable, UPCB-02.

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

0 to 8900 meter

190 mm x 28 mm Dia. (7.5" x 1.1" Dia.)