

# DISSOLVED OXYGEN METER

Model : YK-22DO

ISO-9001, CE, IEC1010

## FEATURES



- \* This Digital Oxygen Meter is supplied with a polarographic type probe with an incorporated temp. sensor which serves for precision Dissolved Oxygen(DO), Temp. measurement.
- \* Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industrial, Schools & Colleges, Quality control...
- \* Professional Dissolved Oxygen Meter.
- \* The polarographic type oxygen probe with an incorporated temperature sensor, high precision measurement for
- \* Dissolved Oxygen(DO) & Temperature measurement.
- \* DO function, Automatic temperature compensation.
- \* Records Max. and Min. readings.
- \* Data hold.
- \* RS 232 PC serial interface.



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# DISSOLVED OXYGEN METER

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## GENERAL DESCRIPTIONS

This Digital Oxygen Meter is supplied with a polarographic type probe with an incorporated temp. sensor which serves for precision Dissolved Oxygen(DO), Temp. measurement.	Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industrial, Schools & Colleges, Quality control...
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## FEATURES

* Professional Dissolved Oxygen Meter.	* Multi-display, show dissolved oxygen ( PH ) & temp. at the same time.
* The polarographic type oxygen probe with an incorporated temperature sensor, high precision measurement for Dissolved Oxygen(DO) & Temperature measurement.	* Records Maximum and Minimum readings with recall.
	* Data hold.
	* Auto shut off saves battery life.
* DO function, Automatic temp. compensation from 0 to 50 °C for sensor.	* RS 232 PC serial interface.
* Microprocessor circuit, intelligent function.	* Temperature function with °C & °F display unit.

## GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.	Power Current	Meter only                      Approx. DC 4.2 mA. Meter + DO probe            Approx. DC 5.2 mA.	
Display	51 mm x 32 mm, dual function LCD display, 15 mm ( 0.6" ) digit size.	Weight	250 g/0.55 LB ( battery included ). <i>* Mian meter only, not include probe.</i>	
Memory Recall	Records Maximum and Minimum readings with recall.	Dimension	200 x 68 x 30 mm ( 7.9 x 2.7 x 1.2 inch ). <i>* Mian meter only.</i>	
Data hold	Freeze the reading value .	Accessories included	Oxygen probe.....1 PC Operation manual..... 1 PC Spare Probe head with Diaphragm OXHD-04.....2 Set Probe-filling Electrolyte OXEL-03.....1 PC Carrying case, CA-06.....1 PC	
Memory Recall	Maximum and Minimum reading values can be saved and retrieved by record function.		Optional Accessories	Oxygen probe.....OXPB-22 Spare Probe head with Diaphragm set .....OXHD-04 DO probe-filling electrolyte .....OXEL-03 RS232 cable, UPCB-02..... UPCB-02 USB cable.....USB-01 Application Software.....SW-U801-WIN
Power off	Auto shut off saves battery life, or manual off by push button.			
Data Output	RS 232 computer serial interface.			
Overload indication	"- - -" symbol on the display.			
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).			
Operating Humidity	Max. 80% RH.			
Power Supply	006P DC 9V battery ( Alkaline or Heavy duty type ).			
Sampling Time	Approx. 0.8 second.			

## DISSOLVED OXYGEN METER SPECIFICATIONS

Measurement & Range	Dissolved Oxygen	0 to 20.0 mg/L(liter).	Structure	an incorporated temperature sensor.
	Temperature	0 to 50 °C.	Probe Temp.	0 to 50 °C ,
Resolution	Dissolved Oxygen	0.1 mg/L.	Compensation	Automatic.
	Temperature	0.1 °C.	Size of DO probe	170 mm x 26 mm Dia.(6.7" x 1.0" Dia.)
Accuracy (23 ± 5 °C)	Dissolved Oxygen	± 0.4 mg/L.	Cable Length	4 meters.
	Temperature	± 0.8 °C/1.5 °F.		
Sensor	The polarographic type oxygen probe with			

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