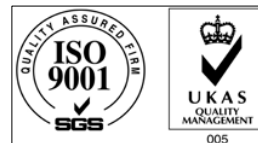


# DISSOLVED OXYGEN PROBE

Model : YK-200PDO

*ISO-9001, CE, IEC1010*



**LUTRON ELECTRONIC**

*The Art of Measurement*



Supplied by :  
Tel: 0027 (011) 683 4365

**Test and Measurement Instruments C.C.**  
[www.instrumentsgroup.co.za](http://www.instrumentsgroup.co.za)

# DISSOLVED OXYGEN PROBE

Model : YK-200PDO



## 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...

## FEATURES

- \* The polarographic type oxygen probe with an incorporated temp. sensor, high precision measurement for Dissolved Oxygen(DO) & Temperature measurement.
- \* Dissolved Oxygen probe ( YK-200PDO ) connect with YK-2001PH will become a professional Dissolved Oxygen Meter as :
  1. Automatic temp. compensation from 0 to 50 °C for sensor.
  2. Microprocessor circuit.
  3. Multi-display, show oxygen & temp. at the same time.
  4. Records Maximum and Minimum readings with recall.
  5. Data hold.
  6. Auto shut off saves battery life.
  7. RS 232 PC serial interface.
  8. Temperature function with °C & °F display unit.

## SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.	
Measurement & Range	Dissolved Oxygen	0 to 20.0 mg/L(liter).
	Temperature	0 to 50 °C.
Resolution	Dissolved Oxygen	0.1 mg/L.
	Temperature	0.1 °C.
Accuracy (23± 5 °C)	Dissolved Oxygen	± 0.4 mg/L.
	Temperature	± 0.8 °C/1.5 °F.
Sensor Structure	The polarographic type oxygen probe with an incorporated temperature sensor.	
Probe Temp. Compensation	0 to 50 °C, Automatic.	
Memory Recall	* YK-2001PH	Records Maximum and Minimum readings with recall.
Power off	* YK-2001PH	Auto shut off saves battery life, or manual off by push button.
Data Output	* YK-2001PH	RS 232 PC serial interface.
Over input indication	* YK-2001PH	Indication of "- - -".
Sample Time	* YK-2001PH	Approx. 0.4 sec.
Operating Temperature	0 °C to 50 °C ( 32 °F to 122 °F ).	
Operating Humidity Size	Max. 80% RH.	
	<i>Oxygen probe :</i> 190 mm x 28 mm Dia. ( 7.5" x 1.1" Dia. )	
	<i>Cable length :</i> 4 meters	
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 set
Optional Accessories	Spare Probe head with Diaphragm set	
	.....OXHD-04	
	Probe-filling Electrolyte	.....OXEL-03

