

# DISSOLVED OXYGEN PROBE

Model : YK-200PDO

ISO-9001, CE, IEC1010

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 Lutron

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LUTRON ELECTRONIC

*The Art of Measurement*

# DISSOLVED OXYGEN PROBE

Model : YK-200PDO

GENERAL DESCRIPTIONS
<p>* 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.</p> <p>* Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industrial, Schools &amp; Colleges, Quality control...</p>

FEATURES
<p>* The polarographic type oxygen probe with an incorporated temp. sensor, high precision measurement for Dissolved Oxygen(DO) &amp; Temperature measurement.</p>
<p>* Dissolved Oxygen probe ( YK-200PDO ) connect with YK-2001PH will become a professional Dissolved Oxygen Meter as :</p> <ol style="list-style-type: none"> <li>1. Automatic temp. compensation from 0 to 50 °C for sensor.</li> <li>2. Microprocessor circuit.</li> <li>3. Multi-display, show oxygen &amp; temp. at the same time.</li> <li>4. Records Maximum and Minimum readings with recall.</li> <li>5. Data hold.</li> <li>6. Auto shut off saves battery life.</li> <li>7. RS 232 PC serial interface.</li> <li>8. Temperature function with °C &amp; °F display unit.</li> </ol>

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

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