

CONDUCTIVITY/TDS PROBE

Model : YK-200PCT

ISO-9001, CE, IEC1010



FEATURES

- * Conductivity and TDS probe (YK-200PCT) connect with YK-2001PH will become a professional Conductivity & TDS (Total Dissolved Solids) Meter.
- * Innovative feature with built-in automatic temperature compensation values adjustable between 0 to 5.0% per °C .
- * Wide automatic temperature compensation range from 0 to 50 °C .
- * Carbon rod electrode for long life.
- * Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college, water conditioning.

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LUTRON ELECTRONIC

The Art of Measurement

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* Innovative feature with built-in automatic temperature compensation values adjustable between 0 to 5.0% per °C.	
* Selecting "0% per °C" of Temp. Coefficient Adjust, allows you to take uncompensated conductivity readings.	
* Wide automatic temperature compensation range from 0 °C to 50 °C.	
* Carbon rod electrode for long life.	
* Microprocessor circuit.	
* Dual LCD display, show both conductivity & temp. values.	
* Records Maximum and Minimum readings with RECALL facilities.	
* Data hold function.	
* Auto shut off prolongs battery life.	
* RS 232 PC serial interface.	
* The portable conductivity meter provides fast, accurate readings, with digital readability and the convenience of a remote probe.	
* Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college, water conditioning.	

SPECIFICATIONS	
Circuit	Custom one-chip microprocessor LSI circuit.
Measurement	Conductivity : 2 ranges, 2 mS, 20 mS. TDS : 2 ranges, 2,000 PPM, 20,000 PPM. Temperature : 0 - 60 °C / 32 - 140 °F.
Temperature Compensation	Automatic from 0 to 60 °C (32 - 140 °F), with temperature compensation factor variable between 0 to 5.0% per C.
Memory Recall	Records Maximum and Minimum readings with RECALL facility.
Power off	Manual off by push button or Auto shut off offer 10 minute(Not activated during memory record function).
Data Output	RS 232 PC serial interface.
Over load indication	Indicated by "- - - -".
Sampling Time	Approx. 0.8 second.
Operating Temperature	0 to 50 °C - main instrument. 0 to 60 °C - probe only.
Operating Humidity	Max. 80% RH.
Size	Probe : Round, 22 mm Dia. x 120 mm length.
Accessories Included	Instruction manual.....1 PC. Conductivity/TDS probe.....1 PC.

ELECTRICAL SPECIFICATIONS (23± 5°C)			
Conductivity			
<i>Range</i>	<i>Measurement</i>	<i>Resolution</i>	<i>Accuracy</i>
2 mS	0.2 to 1.999 mS	0.001 mS	± (3 % F.S. + 1 d)
20 mS	2 to 19.99 mS	0.01 mS	* F.S. - Full scale
mS - milli Simens			
TDS (Total Dissolved Dolids)			
<i>Range</i>	<i>Measurement</i>	<i>Resolution</i>	<i>Accuracy</i>
2,000 PPM	132 to 1,320 PPM	1 PPM	± (3 % F.S. + 1 d)
20,000 PPM	1,320 to 13,200	10 PPM	* F.S. - Full scale
* PPM - parts per million			
Temperature			
<i>Measuring Range</i>	0 °C to 60 °C/32 °F to 140 °F		
<i>Resolution</i>	0.1 °C/0.1 °F		
<i>Accuracy</i>	0.8 °C/1.5 °F		

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