

# ATC PROBE

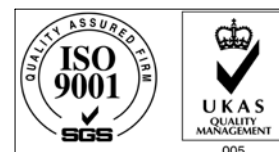
Model : YK-200PATC

ISO-9001, CE, IEC1010



## FEATURES :

- \* Plug in the Yk-2001PH to be a ATC ( Automatic Temperature Compensation ) probe to gain the Max. possible accuracy.
- \* Temp. range : 0 to 65 °C , 32 to 149 °F.



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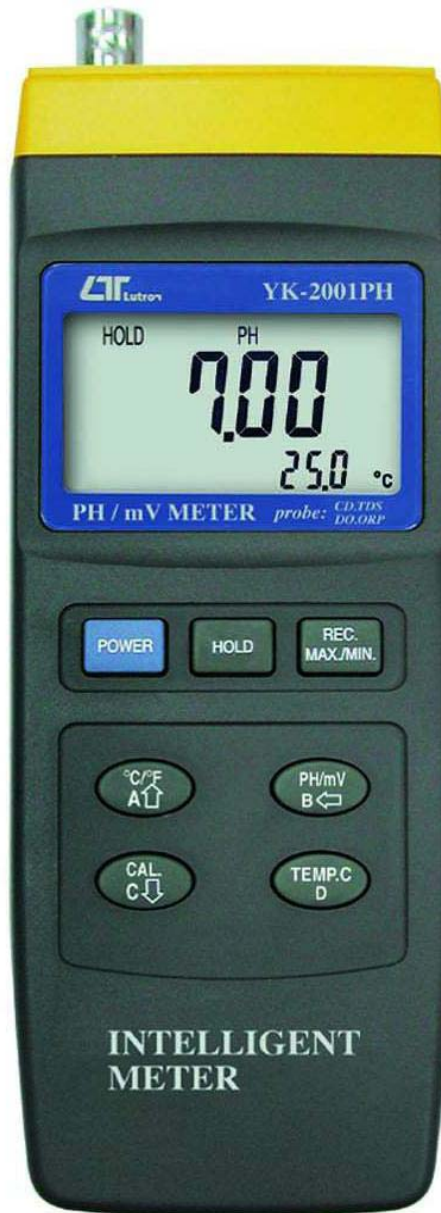
**LUTRON ELECTRONIC**

***The Art of Measurement***

# INTELLIGENT PH METER

Model : YK-2001PH

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC



*The Art of Measurement*

# INTELLIGENT PH METER

Model: YK-2001PH

FEATURES	
* Master meter is a professional pH/mV meter with pH & mV measuring function.	* Record maximum and minimum readings.
* Microprocessor circuit assures maximum possible accuracy.	* Data Hold, °C/°F, RS232 computer interface
* Optional expandable plugs satisfy your different measurement demands one time on Conductivity, TDS (Total Dissolved Solids), Dissolved Oxygen, ORP, pH measurement.	* Auto shut off saves battery life. Built-in low battery indicator.
* Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, school and college.	* Auto (optional probe) / manual (built-in) temperature compensation function enables accurate measurement on different solutions.
	* Heavy duty & compact housing case designed
	* pH function with high input impedance avoids measuring error.
	* Patented in Taiwan, Germany, China, Patent Pending in USA.

GENERAL SPECIFICATIONS				
Circuit	Custom one-chip of microprocessor LSI circuit.		Data Record	Record Max. Min. reading values on the display.
Display	Dual function meter's display, 13 mm ( 0.5" ). Super large LCD display.		Data Output	RS232 PC serial interface.
			Over load indication	-----" on the display.
Measurement	pH	0 -14 pH	pH electrode	Any combination pH electrode with BNC connector.
	mV	1999 mV		
Calibration for p	One button calibration. Calibrate pH 7, pH 4, and pH 10 by push button.		Operating Temperature	0 - 50 °C ( 32 - 122 °F ).
Input Impedanc	10 12ohms.		Operating Humidity	Less than 80% RH.
Temperature Compensation for pH measurement	Manual	0 - 100 °C .	Sampling Time	Approx. 0.8 second
	Automatic	With the optional Temp. probe (YK-200ATC), 0-65 °C .	Power Supply	* 006P DC 9V, MN1604 (PP3) battery or equivalent. * Alkaline or heavy duty type.
Power off	Auto shut off saves battery life or manual shut off by push button.		Weight	250 g/ 0.55 LB.
Data hold	To hold the reading values on display.		Size	195x68x30 mm (7.6x2.6x1.2 inch).
			Standard Accessories	Instruction manual.....1 PC.
Intelligent functions and Optional Accessories	<p>1. The instrument can plug in the optional Conductivity and TDS probe ( YK-200PCT ) Conductivity probe ( YK-200PCD ) Dissolved Oxygen probe ( YK-200PDO ) to become a professional Conductivity meter, TDS (Total Dissolved Solids) meter, and Dissolved Oxygen meter. When change a new probe, no calibration procedures are required to be done.</p> <p>2. The instrument has mV (millivolt) function to work with ORP probe ( ORP-04, optional ) to be a professional ORP meter or any other precise mV measurement.</p>			

ELECTRICAL SPECIFICATIONS ( 23± 5°C )		
Measurement	PH	mV
Range	0 to 14 pH	± 1999 mV
Resolution	0.01 pH	1 mV
Accuracy	± ( 0.02 pH + 2d )	± ( 0.5% + 2d )

OPTIONAL PH ELECTRODES & OTHER ACCESSORIES			
PE-03	pH Electrode, 1 - 13 pH.	YK-200PATC	ATC probe, 0 - 65 °C .
PE-11	pH Electrode, 1 - 13 pH.	SW-U801-WIN	Software for data logging.
PE-01	pH Electrode, 0 - 14 pH.	UPCB-02	RS232 cable for data transmission.
PE-04HD	Spear Tip pH Electrode, 0-14pH.	Data Logger	Memorize 7999 set data,
PE-06HD	Spear Tip pH Electrode, 1-13pH.	DL-9601	sampling time preset from 1 sec to 99 hours, battery power.
ORP-14	ORP probe, 1999mV.		
YK-200PCT	CD/TDS probe, 20 mS/20,000 PPM.	CA-06	Hard Carrying Case.
YK-200PCD	CD probe, 2/20 mS.		( 280 x 195 x 65 mm ).
YK-200PDO	Oxygen probe, 0-20 mg/L.		

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

510-YK2001PH