

# pH /mV Meter PH-708

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## FEATURES

- \* Professional PH/mV METER.  
PH range : 0 to 14 PH x 0.01 PH.  
mV range : -1999 mV to 1999 mV.
- \* Used the optional ORP probe to become a professional ORP meter.
- \* Wide manual temperature compensation adjustment can be operated by push button on the front panel easily.
- \* Calibration for pH 7, pH 4 and pH 10 by push button.
- \* Temperature compensation of pH function can be done by optional ATC (Automatic Temperature Compensation) probe.
- \* Auto shut off saves battery life.
- \* Memorize Max./Min. reading with recall.
- \* Data hold.
- \* RS232 computer interface.

Good choice for the experiment test





# PH METER (pH / mV)

## Model : PH-708

FEATURES	
* Professional PH/mV METER. PH range : 0 to 14 PH x 0.01 PH. mV range : -1999 mV to 1999 mV.	* Records Maximum and Minimum readings with recall. * Data hold. * Auto shut off saves battery life.
* The instrument is with mV ( millivolt ) function for mV measurement ( Be plugged with optional ORP probe ORP-04 to be a professional ORP meter)	* Powered by 006P DC 9V battery. * RS 232 computer serial interface. * °C or °F can be converted by push button on the front panel.
* Wide manual temperature compensation adjustment can be easily operated by push button on the front panel.	* PH calibration is easily to be done by push button on the front panel.
* Optional ATC (Automatic Temp. Compensation) probe is available for PH measurement.	* Using the durable, long-lasting components and a strong lightweight ABS-plastic housing case.
* Microprocessor circuit assures high accuracy and reliable performance.	* PH function with high input impedance avoids measuring error.
* Large LCD, dual function display.	* Wide applications: water conditioning, aquariums, beverage...

GENERAL SPECIFICATIONS			
Circuit	Custom one-chip of microprocessor LSI circuit.	PH Electrode	Optional, Any PH electrode with BNC connector.
Display	51 mm x 32 mm, dual function LCD display, 15 mm ( 0.6" ) digit size.	Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).
Measurement	PH 0 to 14 PH mV -1999 mV to 1999 mV	Operating Humidity	Max. 80% RH.
Input Impedance	12 ohm	Power Supply	006P DC 9V battery (Optional) ( Alkaline or Heavy duty type ).
Temperature Compensation for pH measurement	Manual 0 to 100 °C, be adjusted by push button on front panel. Automatic ( ATC ) With the optional TEMP. probe ( TP-07 ) 0 to 65 °C.	Power Current	Approx. DC 7 mA.
pH Calibration	PH7, PH4, and PH10, 3 points calibration ensure the best linearity and accuracy.	Weight	250 g/0.55 LB ( battery included ).
Data hold	Hold the reading value on the display.	Size ( meter )	195 x 68 x 30 mm ( 7.6 x 2.6 x 1.2 inch ).
Memory Recall	Maximum and Minimum reading values can be saved and retrieved by record function.	Standard Accessories	Instruction manual.....1 PC.
Sampling Time	Approx. 0.8 second.	Optional Probes & Accessories	PH electrodes : ATC temp. probe PH electrodes + Temp. Probe ORP electrode Hard carrying case RS232 cable Application Software
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.		

ELECTRICAL SPECIFICATIONS ( 23 ± 5 )			
<b>pH meter specifications</b>			
Measurement	Measuring Range	Resolution	Accuracy
PH	0 to 14 PH	0.01 PH	± (0.02 PH + 2 d) * Meter only
mV	-1999 mV to 1999 mV	1 mV	± (0.5% + 2 d) * Meter only
<b>Temperature Compensation for pH measurement :</b>			
* Manual : 0 to 100 °C, be adjusted by push button on front panel.			
* Automatic ( ATC ) : With the optional TEMP. probe ( PE-149G ) 0 to 80 °C.			
<b>pH Calibration :</b>			
* PH7, PH4, and PH10, 3 points calibration ensure the best linearity and accuracy.			

