

PH METER

Model : PH-207HA

FEATURES	
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.	* Wide automatic & manual temperature compensation range.
* Super large LCD display with contrast adjustment for best viewing angle.	* The values of "Manual temp. compensation" are reading from the LCD display directly, no errors & easy operation.
* Dual function meter's display.	* With the optional temp. probe for automatic temp. compensation or temp. measurement.
* Heavy duty & compact housing case, designed for easy carry out & operation.	* The instrument build in mV (milli volt) measuring function, useful for making ion-selective, ORP, and other precise mV measurement.
* Records Maximum, Minimum and Average readings with RECALL.	* Built in SLOPE (PH 4) & CAL. (PH 7) calibration VR on the front panel, easy for single point or two points pH calibration, calibration data will keep into no erasable memory IC.
* DATA HOLD function to freeze the desired value on display.	* Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college, water conditioning.
* Auto shut off saves battery life.	
* Built-in low battery indicator.	
* Multi-measurement : pH, mV, Temperature.	
* Temperature function for °C or °F be selected by push button on front panel easily.	
* Dual display, show the pH & temperature values at the same LCD display.	
* High input impedance avoid measuring error.	

GENERAL SPECIFICATIONS				
Circuit	Custom one-chip of microprocessor LSI circuit.		Power off	Auto shut off saves battery life, or manual off by push button.
Display	Dual function meter's display, 13 mm (0.5"). Super large LCD display with contrast adjustment for best viewing angle.		Over input indication	Indication of "- - - -".
Measurement	PH	0 to 14 pH	pH Electrode	Any combination pH electrode with BNC connector.
	mV	0 to 1999 mV	Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).
	Temperature	0 to 65 °C 32 to 150 °F	Operating Humidity	Less than 80% RH.
Input Impedance	12ohms. 10		Sampling Time	Approx. 0.8 second.
Temperature Compensation	Manual	0 to 100 °C, adjusting by push button on front panel.	Power Supply	Heavy duty type, 006P DC 9V battery MN1604 (PP3) or equivalent.
For pH Range	Automatic	With the optional TEMP. probe, 0 to 65 °C.	Power Current	Approx. DC 5.7 mA.
Calibration For pH Range	Built in SLOPE (PH 4) & CAL. (PH 7) calibration VR (multi-turns potentiometers) on front panel, high reliability.		Weight	270 g/0.59 LB.
Data hold Memory Recall	To hold the reading values on display. Records Maximum, Minimum and Average readings with RECALL.		Size	180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch).
			Standard Accessories	Instruction manual.....1 PC.
			Optional Accessories	Carrying case. pH electrode, PE-01. PE-11. pH electrode, PE-03. ATC temp. probe, TP-07. pH4 buffer solution, PH-04. pH7 buffer solution, PH-07.

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)				
Measurement	PH	mV	Temp. (°C)	Temp. (°F)
Range	0 to 14 pH	0 to 1999 mV	0 to 65 °C	32 to 150 °F
Resolution	0.01 pH	1 mV	0.1 °C	0.1 °F
Accuracy	± (0.03 PH + 2 d)	± (0.5% + 1 d)	0 - 50 °C :	32 - 122 °F :
			1 °C	8 °F
			> 50 °C :	> 122 °F :
			4 °C	2 °F

* PH accuracy are based on after calibration, meter only.

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