PH METER (pH / mV)
Model : PH-208

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 optinal ORP probe
  ORP-04 to be a professional ORP meter)
	* Powered by 006P DC 9V battery.
	* RS 232 computer serial interface.
	* ℃ or ℉ 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.	Power off	Auto shut off saves battery life, or manual off by push button.
Display	51 mm x 32 mm, dual function LCD display, 15 mm (0.6") digit size.	Data Output	RS 232 computer serial interface.
Measurement	PH 0 to 14 PH	Overload indication	"- - - -" symbol on the display.
	mV -1999 mV to 1999 mV	PH Electrode	Optional, Any PH electrode with BNC connector.
Input Impedance	12 10 ohm		
Temperature Compensation for pH measurement	Manual 0 to 100 ℃, be adjusted by push button on front panel.	Operating Temperature	0 ℃ to 50 ℃(32 ℉ to 122 ℉).
	Automatic (ATC) With the optional TEMP. probe (YK-200ATC) 0 to 65 ℃.	Operating Humidity	Max. 80% RH.
		Power Supply	006P DC 9V battery (Optional) (Alkaline or Heavy duty type).
pH Calibration	PH7, PH4, and PH10, 3 points calibration ensure the best linearity and accuracy.	Power Current	Approx. DC 7 mA.
Data hold	Hold the reading value on the display.	Weight	250 g/0.55 LB (battery included).
Memory Recall	Maximum and Minimum reading values can be saved and retrieved by record function.	Size (meter)	205 x 68 x 30 mm (8.1 x 2.6 x 1.2 inch).
Sampling Time	Approx. 0.8 second.	Standard Accessories	Instruction manual......................1 PC.

ELECTRICAL SPECIFICATIONS (23 ± 5 ℃)

pH meter specifications

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

Temperature Compensation for pH measurement :

* Manual : 0 to 100 ℃, be adjusted by push button on front panel.
* Automatic (ATC) : With the optional TEMP. probe (TP-07) 0 to 65 ℃.

pH Calibration :

* PH7, PH4, and PH10, 3 points calibration ensure the best linearity and accuracy.

OPTIONAL ACCESSORIES

PE-01	pH Electrode, 0-14 pH.	CA-06	HARD CARRYING CASE.
PE-03	pH Electrode, 1-13 pH (Typical 0 to 14 pH).	ORP-04	ORP Electrode.
PE-11	pH Electrode, 1-13 pH (Typical 0 to 14 pH).	TP-07	Automatic Temp. Compensation probe.
PE-04HD	Spear Tip pH Electrode, 0-14 pH..	SW-U801-WIN	Software for Data Logging.
PH-04	pH 4.00 standard buffer solution.	UPCB-02	RS232 cable for data transmission.
PH-07	pH 7.00 standard buffer solution.	BA-9V-HD	Heavy Duty 9V battery.

APPLICATIONS

* AQUARIUMS	* FOOD PROCESSING	* PAPER INDUSTRY	* SCHOOLS & COLLEGES
* BEVERAGE	* PHOTOGRAPHY	* PLATING INDUSTRY	* SWIMMING POOLS
* FISH HATCHERIES	* LABORATORY	* QUALITY CONTROL	* WATER CONDITIONING

* Appearance and specifications listed in this brochure are subject to change without notice.   CAT-0209-PH208