PEN PH METER

Model: PH-222 *ISO-9001, CE, IEC1010*







The Art of Measurement

pH METER

Model: PH-222

FEATURES

* Pen type digital pH meter, all in one, pH electrode is
included, easy for general purpose application.
* Build in temperature sensor, ATC (auto temperature
compensation).
* pH 4, pH 7 standard solution are standard accessories.
* Easy to change the pH electrode.
* Temperature measurement, $^{\circ}$ C, $^{\circ}$ F.
* IP67, water proof and protection.
* Auto calibration for pH 4, pH 7 or pH 10 or other value.
* High input impedance.
* LCD with two displays and bar graph indicator.
* Data hold function for freezing the desired value.
* Auto power off.
* Records max. and min. value with recall.
* 100 point data logger with recall.
* Microcomputer circuit, intelligent function, high accuracy.
* Compact size, light weight.
* Power supply by DC 1.5 V battery (UM4/AAA) x 4 PCs,
* Available for wide applications, such as aquarium,
beverage, fish hatcheries, food processing,
photography, laboratory, quality control, school &
colleges, swimming pools, water conditions.

SPECIFICATIONS

Display	LCD, size : 20 mm x 28 mm.		
	* With bar graph indicator.		
Measurement	рН	0 to 14 pH.	
Range	Temp.	-5 to 80 $^{\circ}\mathrm{C}$ (23 to 176 $^{\circ}\mathrm{F}$).	
Resolution	рН	0.01 pH.	
	Temp.	0.1 ℃/ 0.1 °F.	
Accuracy	рН	± 0.02 pH	
		* After calibration, meter	
		without PE-12 electrode.	
		± 0.2 pH	
		* After calibration, meter	
		with PE-12 electrode.	
	Temp.	± 0.8 °C/ ± 1.5 °F.	
pH Input	10^12 ohms.		
Impeda			
pH Electrode	Included. * PE-12		
Data Hold	Freeze the display reading.		

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Sampling	Approx. 0.8 second.		
Time			
pH Temp.	ATC (Automatic temperature		
Compensation	compensation), build thermister Temp.		
	sensor.		
Memory Recall	Maximum & Minimum value.		
рН	pH 7, pH 4 or pH 10, 3 points		
Calibration	calibration ensure the best linearity and		
	accuracy.		
	* Other calibration point that near the		
	pH 7, pH 4, and pH 10 are available.		
Data Logger	Max. can save 100 point data with recall.		
	Manual, push the data logger button		
	once will save data one time.		
Circuit	Custom one-chip of microprocessor LSI		
	circuit.		
Operating	Meter:		
Temperature	0 to 60 $^{\circ}\mathrm{C}$ (32 to 140 $^{\circ}\mathrm{F}$).		
	pH electrode :		
	-5 to 80 ℃ (23 to 176 °F).		
Operating	Less than 80% RH.		
Humidity			
Power Supply	DC 1.5V battery (UM-4/AAA) x 4 PCs.		
Power	Approx. 4.8 mA.		
Consumption			
Dimension	186 x 40 x 32 mm		
	(7.3 x 1.6 x 1.3 inch).		
	* Meter with pH electrode.		
Weight	131 g/0.36 LB (included electrode).		
Power off	Auto power shut off to save battery life.		
Standard	Instruction Manual 1 PC		
Accessories	pH electrode, PE-12 1 PC		
(included)	pH 7.00 buffer solution, PH-07A 1 PC		
	pH 4.00 buffer solution, PH-04A 1 PC		
	* PE-12, PH-07A, PH-04A are the		
	consumer accessory.		
Optional	pH electrode, PE-12		
Accessories	pH 7.00 buffer solution, PH-07A		
	pH 4.00 buffer solution, PH-04A		
	Hard carrying case, Model : CA-06		
	Soft carrying case, Model : CA-52A		

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