

Separate electrode, Auto calibration

PEN pH TESTER

Model : PH-220

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

Pen type, with separate electrode

PH METER

Model : PH-220

FEATURES	
*	Pen type digital pH meter
*	Separate pH electrode, easy for general purpose usage and remote measurement.
*	Complete set with one separate pH electrode (PE-11) and pH 4, pH 7 standard solution.
*	Can select the display direction (normal or reverse).
*	Water resistance, IP65 protection.
*	Auto calibration for pH 4, pH 7 or pH 10.
*	Build in reverse display button.
*	Data hold.
*	Auto power off.
*	Compact size, light weight.
*	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. * <i>User can reverse the display direction by push button.</i>
Measurement Range	0 to 14 pH x 0.01 pH
Resolution	0.01 pH
Accuracy	± 0.07 pH (pH 5 to pH 9) ± 0.1 pH (pH 4 to pH 10 and beyond pH 5 to pH 9) ± 0.2 pH (pH 1 to pH 3.9, pH 10.1 to pH 13) * $23 \pm 5^{\circ}\text{C}$ * <i>After calibration</i>
Input Impedance	10^{12} ohms.
Temperature Compensation	Not necessary to make adjustment.
Sampling Time	Approx. 0.8 second.
Operating Temperature	0°C to 50°C (32°F to 122°F)
Operating Humidity	Less than 80% RH.
Calibration method	Auto calibration, pH 7, pH 4 (or pH 10).
Power Supply	DC 1.5V battery (UM-4/AAA) x 4 PCs.
Power Consumption	Approx. 4.8 mA.
Dimension	Meter : 180 x 40 x 32 mm (7.1 x 1.6 x 1.3 inch). Electrode : Body size : 9.5 mm dia. x 120 mm. Electrode cable length : approx.. 1.8 meter.
Weight	220 g/0.48 LB (included electrode).
pH electrode	Any pH electrode with BNC plug. pH electrode, PE-11 is included.
Standard Accessories	Instruction Manual..... 1 PC pH electrode, PE-11..... 1 PC pH 7.00 buffer solution, PH-07A..... 1 PC pH 4.00 buffer solution, PH-04A..... 1 PC * <i>PE-11, PH-07A, PH-04A are the consumer accessory.</i>
Optional Accessories	pH electrodes, Carrying case (CA-05A).