

separate electrode

PEN PH METER

Model : PH-220

ISO-9001, CE, IEC1010



FEATURES

- * Separate pH electrode, easy for general purpose and remote measurement.
- * 0 to 14.00 pH.
- * Auto calibration for pH 4, pH 7 or pH 10.
- * Temp. adjustment is not necessary.
- * IP-65 water proof.
- * Pen type, easy carry out.
- * Complete set with separate pH electrode (PE-11) and pH 4, pH 7 standard solution.
- * Build in reverse display button.
- * DC 1.5V battery (UM-4, AA) x 4.



Lutron

LUTRON ELECTRONIC

The Art of Measurement



Supplied by :

Tel: 0027 (11) 683 4365

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with separate pH electrode, Auto Calibration

PEN PH METER

Model : PH-220



GENERAL SPECIFICATIONS	
Features	<ul style="list-style-type: none"> * Economical cost digital pen PH meter * General purpose applications. * Complete sets with one separate pH electrode (PE-11). * Easy operation. * High protection. * Compact size, light weight. * BNC input, available for most kind pH electrode. * User can reverse the display direction, friendly.
Display	LCD, size : 20 mm x 28 mm. User can reverse the display direction, friendly
Measurement	pH.
Range/Resolution	0 to 14 pH x 0.01 pH.
Accuracy	± 0.07 pH (pH 5 - pH 9), ± 0.1 pH (pH 4 - pH 10) ± 0.2 pH (pH 1 - pH 3.9, pH 10.1 - pH 13). * <i>Main instrument only.</i>
Input Impedance	10 ¹² ohms.
PH range Temp. Compensation	Not necessary to adjust.
Sampling Time	Approx. 0.4 second.
Operating Temperature	0°C to 50°C (32°F to 122°F).
Operating Humidity	Less than 80% RH.
Calibration	Auto calibration, pH 7, pH 4 (or pH 10)
Protection	Main unit : IP-67, Complete sets (meter + electrode) : IP-65
Power Supply	DC 1.5V battery (UM-4/AAA) x 4 PCs.
Power Consumption	Approx. 2.0 mA.
Dimension	131 x 70 x 25 mm. * <i>Main unit</i>
PH electrode	Any connector PH Electrode with BNC connector. pH electrode. PE-11 included.
Standard Accessories	Instruction Manual..... 1 PC. pH electrode. PE-11..... 1 PC.
Optional Accessories	pH electrode, pH 4, pH 7 buffer solution, Carrying case.

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

OPTIONAL ACCESSORIES	
PH ELECTRODE PE-03	General purpose pH electrode with BNC connector. Range : 1 to 13 pH (typical 0 to 14 pH). Epoxy body, Body size : 12 mm dia. x 160 mm. Cable length : 1 meter.
PH ELECTRODE PE-11	General purpose & high quality pH electrode with BNC connector. Range : 1 to 13 pH (typical 0 to 14 pH). Epoxy body, Body size : 9.5 mm dia. x 120 mm. Cable length : 1 meter.
PH ELECTRODE PE-01	High quality, Professional, Laboratory & field usage. Range : 0 to 14 pH. Epoxy body, Body size : 9.5 mm dia. x 120 mm. Cable length : 0.75 meter.
SPEAR TIP PH ELECTRODE PE-04HD	Ideal for penetration pH measurements into meats, cheese, soil and other types of measurements requiring sample penetration. Range : 0 to 14 pH.
SPEAR TIP PH ELECTRODE PE-06HD	Ideal for penetration pH measurements into meats, cheese, soil and other types of measurements requiring sample penetration. Range : 1 to 13 pH.
BUFFER SOLUTION, PH-07	pH 7.00 standard buffer solution.
BUFFER SOLUTION, PH-04	pH 4.00 standard buffer solution.
CARRYING CASE, CA-52A	Vinyl soft case for PH-220.
CARRYING CASE, CA-06	Hard carrying case for PH-220.



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