

# PH BENCH METER

+ Temp. Compensation

Model : PH-214

ISO-9001, CE, IEC1010



## FEATURES

- \* General purpose pH measurement.
- \* Wide pH range manual Temperature compensation adjustment, 0 °C to 100°C adjustment via external knob.
- \* Easy operation, compact size.
- \* Water resistance on the front panel.
- \* Display : LCD, 18 mm digit height.
- \* Range and Resolution :  
0 to 14 pH x 0.01 pH
- \* High Input Impedance
- \* pH electrode : Any connector pH Electrode with BNC connector.
- \* Application : Education, School, Laboratory, Industrial and Quality control.



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

*with Temp. compensation adjust knob*

# PH BENCH METER

Model : PH-214

GENERAL SPECIFICATIONS	
Features	* Professional PH meter, compact size. * General purpose applications. * 0.01 PH, high resolution. * High input impedance. * Wide manual Temp. compensation adjust knob.
Display	LCD, 18 mm ( 0.7" ) digit height.
Measurement	pH
Range/ Resolution	0 to 14 pH x 0.01 pH
Accuracy	± ( 0.01 pH + 1d ) * <i>Main instrument only.</i>
Input Impedance	10 <sup>12</sup> ohms.
PH range Temp. Compensation	Manual adjustment , 0 °C to 100 °C external knob.
Sampling Time	Approx. 0.4 second.
Operating Temp.	0 to 50 °C ( 32 to 122°F )
Operating Humidity	Less than 80% RH.
Calibration Knob	External PH 4 (slope adj.) & PH 7 (Cal. adj.).
Power Supply	006P DC 9V battery.
Power Consumption	Approx. 2.0 mA.
Dimension	147 x 117 x 45 mm, (5.8 x 2.6 x 4.0 inch).
Weight	250 g/0.55 LB.
PH electrode (Optional)	Any connector PH Electrode with BNC connector.
Standard Accessories	Instruction Manual.....1 PC.
Optional Accessories	pH electrode. pH 4.0 buffer solution, pH 7.0 buffer solution.

APPLICATIONS	
* AQUARIUMS	* FOOD PROCESSING
* BEVERAGE	* PHOTOGRAPHY
* FISH HATCHERIES	* LABORATORY
* PAPER INDUSTRY	* SCHOOLS & COLLEGES
* PLATING INDUSTRY	* SWIMMING POOLS
* QUALITY CONTROL	* 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 : 2 meter.
pH ELECTRODE PE-01	Professional, laboratory & field usage. 9.5 mm dia. x 130 mm. Epoxy body, 0 - 14 pH. Cable length : 1 meter.
SPEAR TIP PH ELECTRODE Model : PE-04HD	The " Spear Tip pH electrode " is perfect for those pH measurements in applications where sample piercing is required. Meat, sausage and cheese are ideal applications. The electrode features a very durable glass measuring spear packaged in a rugged virtually unbreakable epoxy body. Measuring range : 0 to 14 pH . Size 12 mm dia. x 150 m.
BUFFER SOLUTION PH-07	PH 7.00 standard buffer solution.
BUFFER SOLUTION PH-04	PH 4.00 standard buffer solution.