

*pocket*  
**PH METER**

**Model : PH-201**

*ISO-9001, CE, IEC1010*



pH electroode ( optional )



**LUTRON ELECTRONIC**

***The Art of Measurement***

# PH METER

## Model : PH-201

| GENERAL SPECIFICATIONS      |   |
|-----------------------------|---|
| Features                    | * Economical cost digital PH meter<br>* General purpose applications.<br>* Easy operation.<br>* Compact size, light weight.                 |
| Display                     | LCD, size : 45 mm x 29 mm.  |
| 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 )<br>± 0.2 pH ( pH 1 - pH 3.9, pH 10.1 - pH 13 ).<br>* <i>Main instrument only.</i> |
| Input Impedance             | 10 <sup>12</sup> 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 VR              | External pH 4 ( slope adj. ) & pH 7 ( Cal. adj. ) calibration adjustment VR.  |
| Power Supply                | 006P DC 9V battery.   |
| Power Consumption           | Approx. 2.0 mA.   |
| Dimension                   | 131 x 70 x 25 mm, (5.3 x 2.4 x 1.3 inch).   |
| Weight                      | 153 g/0.34 LB (including battery).  |
| PH electrode ( Optional )   | Any connector PH Electrode with BNC connector.  |
| Standard Accessories        | Instruction Manual..... 1 PC.   |
| Optional Accessories        | pH electrode, pH 4, pH 7 buffer solution, Carrying case, Case holder.   |

| 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.<br>Range : 1 to 13 pH ( typical 0 to 14 pH ).<br>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.<br>Range : 1 to 13 pH ( typical 0 to 14 pH ).<br>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.<br>Range : 0 to 14 pH.<br>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.<br>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.<br>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-201.  |
| CARRYING CASE, CA-06           | Hard carrying case for PH-201.   |