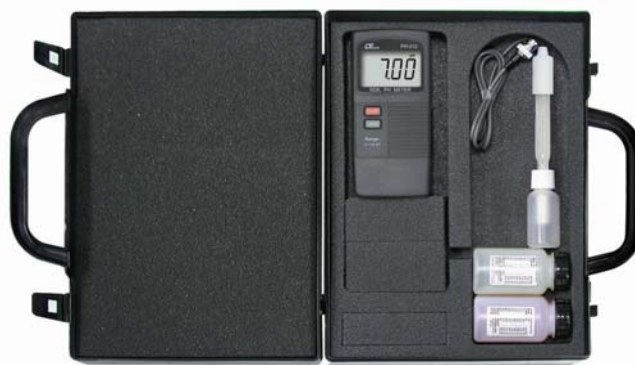


SOIL PH METER

Model : PH-212

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement



SOIL PH METER

Model : PH-212

| FEATURES | |
|--|--|
| * Kits with pH meter, soil pH electrode, pH 4.0 /pH 7.0 standard buffer solution and carrying case. | |
| * Spear Tip pH electrode (included), ideal for penetration pH measurement into soil, meats, cheese and other type of measurements requiring sample penetration. The electrode features a very durable glass measuring spear packaged in a rugged virtually unbreakable epoxy body. | |
| * Build in Slop (pH 4, pH 10) and Cal. (pH 7) adjust VR. | |
| * Large LCD display. | |
| * Easy operation, compact size. | |
| * Water resistance on the front panel. | |
| * Full line optional general purpose pH electrodes. | |
| * Application : Agriculture, Gardening, Food industrial, Education, School, Colleges, Laboratory, Industrial and Quality control. | |

| SPECIFICATIONS | | | |
|--------------------------|---|-------------------------|--|
| Display | 13 mm (0.5") LCD, 3 1/2 digits. | Operating Temperature | 0 to 50 °C (32 to 122 °F) |
| Measurement Range | 0 to 14 pH x 0.01 pH | Operating Humidity | Less than 80% RH. |
| Resolution | 0.01 pH | Calibration Knob | External pH 4 (slope adj.) & pH 7 (Cal. adj.). |
| Accuracy | ± 0.07 pH (pH5 - pH 9) | Power Consumption | Approx. 2.0 mA. |
| | ± 0.1 pH (pH 4 - pH 10) | Dimension | 135 x 60 x 33 mm, (5.3 x 2.4 x 1.3 inch). |
| | ± 0.2 pH (pH 1 - pH 3.9, pH 10.1 - pH 13) | Weight | 196 g/0.43 LB (including battery). |
| Input Impedance | 10 ¹² ohms. | pH electrode (Optional) | Any connector pH Electrode with BNC connector. |
| Temperature Compensation | Not necessary to make adjustment. | Standard Accessories | Instruction Manual..... 1 PC. Soil pH electrode, PE-06HDA..... 1 PC. pH 4.0 buffer solutuoin, PH-04..... 1 PC. pH 7.0 buffer solutuoin, PH-07..... 1 PC. Carrying case, CA-06..... 1 PC. |
| Sampling Time | Approx. 0.4 second. | | |
| Hold Function | To freeze the display reading value. | | |
| Power Supply | 006P DC 9V battery. | | |

| SOIL PH ELECTRODE (Included) | | | |
|--------------------------------|------------------------------------|-----------------------|--|
| pH Measuring Range | 1 to 13 pH (typical 0 to 14 pH). | Repeatability | 0.05 pH. |
| | | Response time | ≥ 2 minutes. |
| pH Operation Temperature | 5 to 60 °C (41 to 140 °F). | Body Material | Epoxy. |
| | | Connector | BNC. |
| pH Electrode Structure | Combination type. | Mechanical Protection | With protection bottle (soaker bottle) on the electrode head. |
| Reference of pH Electrode | Ag/AgCl, Double Junction. | Weight | 68 g (including cable & socket). |
| | | Dimensions | Body length - 160 mm. Body Dia. - 12 mm. Cable length - 1000 mm. |
| Zero Potential for pH Value | 7± 1 pH. | | |

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

0907-PH212