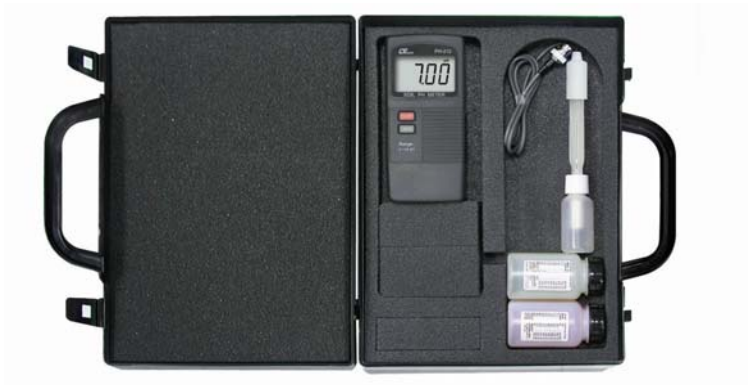
SOIL PH METER

Model : PH-212

ISO-9001, CE, IEC1010





Lutron

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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 ℃ (32 to 122 ℉)
Measurement Range	0 to 14 pH x 0.01 pH	Operating Humidity	Less than 80% RH.
Resolution	0.01 pH		
Accuracy	± 0.07 pH (pH5 - pH 9) ± 0.1 pH (pH 4 - pH 10) ± 0.2 pH (pH 1 - pH 3.9, pH 10.1 - pH 13) ** Main instrument only.* ** 23 ± 5 ℃*	Calibration Knob	External pH 4 (slope adj.) & pH 7 (Cal. adj.).
		Power Consumption	Approx. 2.0 mA.
		Dimension	135 x 60 x 33 mm, (5.3 x 2.4 x 1.3 inch).
Input Impedance	10^12 ohms.	Weight	196 g/0.43 LB (including battery).
		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-06HD..... 1 PC. pH 4.0 buffer solutuin..... 1 PC. pH 7.0 buffer solutuin..... 1 PC. Carrying case..... 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 ℃ (41 to 140 ℉).	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. 0503-PH212

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