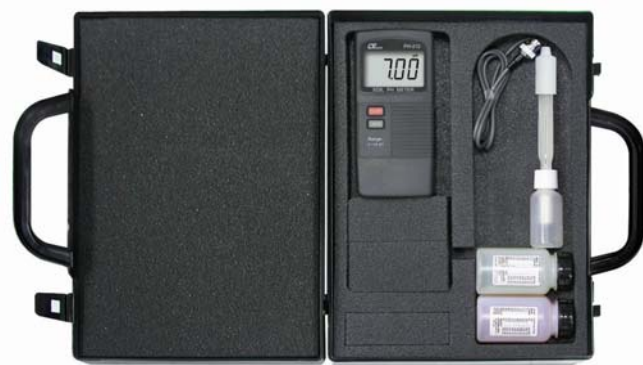


SOIL PH METER



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).
	* <i>Main instrument only.</i>	pH electrode (Optional)	Any connector pH Electrode with BNC connector.
	* 23 ± 5 °C	Standard Accessories	Instruction Manual..... 1 PC. Soil pH electrode, PE-06HD..... 1 PC. pH 4.0 buffer solutuoin..... 1 PC. pH 7.0 buffer solutuoin..... 1 PC. Carrying case..... 1 PC.
Input Impedance	10 ¹² ohms.		
Temperature Compensation	Not necessary to make adjustment.		
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.