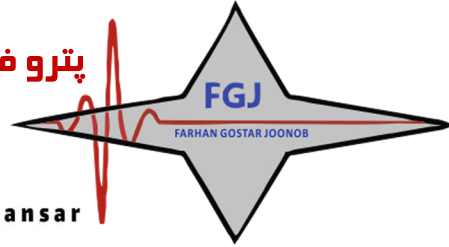


پترو فرهان گستر جنوب



SOIL PH METER

Tehran, Tehransar

Model : PH-212

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement



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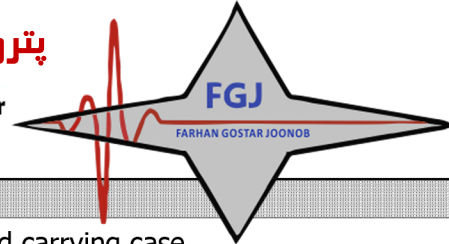
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SOIL PH METER

Model : PH-212

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Tehran, Tehransar



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) ± 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 °C	Power Consumption	Approx. 2.0 mA.
Input Impedance	10 ¹² ohms.	Dimension	135 x 60 x 33 mm, (5.3 x 2.4 x 1.3 inch).
Temperature Compensation	Not necessary to make adjustment.	Weight	196 g/0.43 LB (including battery).
Sampling Time	Approx. 0.4 second.	pH electrode (Optional)	Any connector pH Electrode with BNC connector.
Hold Function	To freeze the display reading value.	Standard Accessories	Instruction Manual..... 1 PC. Soil pH electrode, PE-06HDA..... 1 PC. pH 4.0 buffer solutuin, PH-04..... 1 PC. pH 7.0 buffer solutuin, PH-07..... 1 PC. Carrying case, CA-06..... 1 PC.
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.
pH Operation Temperature	5 to 60 °C (41 to 140 °F).	Response time	≥ 2 minutes.
pH Electrode Structure	Combination type.	Body Material	Epoxy.
Reference of pH Electrode	Ag/AgCl, Double Junction.	Connector	BNC.
Zero Potential for pH Value	7± 1 pH.	Mechanical Protection	With protection bottle (soaker bottle) on the electrode head.
		Weight	68 g (including cable & socket).
		Dimensions	Body length - 160 mm. Body Dia. - 12 mm. Cable length - 1000 mm.

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

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