

SOIL MOISTURE METER

Model : PMS-714

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

SOIL MOISTURE METER

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FEATURES	
*	Designed to check the moisture level of soil or other similar material.
*	Measurement range : 0 % to 50 % moisture content of soil sample with 0.1 % resolution.
*	All in one digital soil meter, easy to make operation.
*	Data hold function to freeze the desired value on display.
*	Microprocessor circuit ensures high accuracy and provides special functions and features.
*	Operates from DC 1.5V (UM4/AAA) x 4 PCs batteries.
*	Built-in low battery indicator.
*	Durable, long-lasting components, enclosed in strong, compact ABS-plastic housing.

SPECIFICATIONS	
Applications	Designed to check the moisture level of soil or other similar material.
Measuring Principal	Used the 2 pins electrode to measure the conductive ability of the species, then converter to the reading of " % " Moisture content " of soil sample.
Display	LCD size : 28 mm x 19 mm.
Measurement Range	0 % to 50 % moisture content on soil.
Resolution	0.1 %.
Accuracy	$\pm (5 \% \text{ F.S.} + 5 \text{ d })$ <i>@ 23$\pm$ 5 $^{\circ}$C, F.S. : full scale.</i>
Circuit Probe	Custom one-chip of microprocessor LSI circuit. 2 pins moisture electrode.
Data Hold	Freeze the display reading.
Sampling Time	Approx. 0.8 second.
Operating Temp.	0 to 50 $^{\circ}$ C.
Operating Humidity	Less than 80% R.H.
Power Supply	DC 1.5 V battery (UM4/AAA) x 4 PCs,
Power Current	Approx. DC 12 mA
Weight	267 g/ 0.58 LB. <i>@ Battery is included.</i>
Dimension	<i>Meter body : 172 x 40 x 40 mm (6.8" x 1.6" x 1.6").</i>
	<i>Probe body : 220 mm x Dia. 10 mm (8.7" x Dia. 0.4").</i>
	<i>Total length (meter + probe) : 392 mm (15.4 ").</i>
Accessories Included	Instruction manual.....1 PC.
Optional Accessory	Hard carrying case, CA-06.

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

1211-PMS714