

# SOIL MOISTURE METER

**Model : PMS-714**

*ISO-9001, CE, IEC1010*

*www.yalab.com.tw*

*02-2389-0101*



**Lutron**

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***The Art of Measurement***

# SOIL MOISTURE METER

Model : PMS-714

<b>FEATURES</b>	
* 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.	

<b>SPECIFICATIONS</b>	
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	± ( 5 % F.S.+ 5 d ) @ 23± 5 °C, F.S. : full scale.
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 °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. @ Battery is included.
Dimension	Meter body : 172 x 40 x 40 mm ( 6.8" x 1.6" x 1.6" ). Probe body : 220 mm x Dia. 10 mm ( 8.7" x Dia. 0.4" ). Total length ( meter + probe ) : 392 mm ( 15.4 " ).
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.

PMS714+1211

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