

SOIL THERMOMETER

Model : PST-715

ISO-9001, CE, IEC1010



Lutron



LUTRON ELECTRONIC

The Art of Measurement

SOIL THERMOMETER

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FEATURES

* Designed to check the temperature level of soil .
* Measurement range : 0 °C to 70 °C Temperature of soil sample with 0.1 °C 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.

General/ Electrical Specification (23 ±5°C)

Applications	Designed to check the temperature level of soil .
Measuring Principal	Used Thermocouple Type K to measure the reading of °C/°F " temperature " of soil sample.
Display	LCD size : 28 mm x 19 mm.
Measurement Range	0 °C to 70 °C Temperature on soil.
Resolution	0.1 °C.
Accuracy	± (1.0 % reading + 1 °C .) @ 23 °C ± 5 °C.
Circuit	Custom one-chip of microprocessor LSI circuit.
Probe	Thermocouple Type K
Data Hold	Freeze the display reading.
Sampling Time	Approx. 1 second.
Operating Temperature	0 to 50 °C .(meter only w/o stainless sensing probe)
Operating Humidity	Less than 80% R.H.
Power Supply	DC 1.5 V battery (UM4/AAA) x 4 PCs.
Power Current	Approx. DC 6.5 mA
Weight	156 g/ 0.34 LBS (without batteries).
Dimension	<i>Meter body :</i> 150 x 40 x 40 mm (5.9" x 1.6" x 1.6"). <i>Probe body :</i> 255 mm x Dia. 5 mm 10" x Dia. 0.2" . <i>Total length (meter + probe) :</i> 390 mm (15.4 ").
Accessories Included	Instruction manual.....1 PC.....
Optional Accessory	Hard carrying case, CA-06

* Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.