

SOIL THERMOMETER

Model : PST-715

ISO-9001, CE, IEC1010



Lutron



LUTRON ELECTRONIC

The Art of Measurement

SOIL THERMOMETER

Model : PST-715

FEATURES

* Designed to check the temprature level of soil .
* Measurement range : 0 °C to 100 °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 ThermocoupleType K to measure the reading of °C " temperature " of soil sample.
Display	LCD size : 28 mm x 19 mm.
Measurement Range	0 °C to 100 °C Temperature on soil.
Resolution	0.1 °C.
Accuracy	± (1.5 % F.S.+ 5 d) @ 23 °C ± 5 °C, F.S. : full scale.
Circuit	Custom one-chip of microprocessor LSI circuit.
Probe	Thermocouple Type K
Data Hold	Freeze the display reading.
Sampling Time	Approx. 0.8 second.
Operating Temperature	0 to 40 °C .(Instrument block)
Operating Humidity	Less than 80% R.H.
Power Supply	DC 1.5 V battery (UM4/AAA) x 4 PCs,
Power Current	Approx. DC 5 mA
Weight	267 g/ 0.58 LB. @ Battery is included.
Dimension	<i>Meter body :</i> 172 x 40 x 40 mm (6.8" x 1.6" x 1.6"). <i>Probe body :</i> 210 mm x Dia. 5 mm 8.2" x Dia. 0.2" . <i>Total length (meter + probe) :</i> 374 mm (14.7 ").
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.