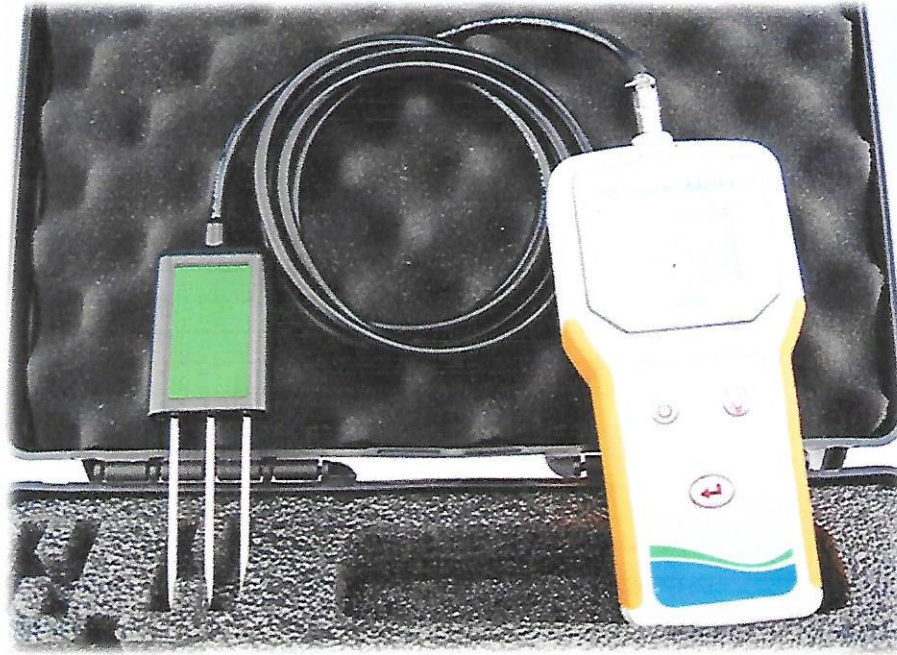


SMT-100 Soil Moisture & Temperature Meter



Features:

The SMT-100 soil moisture & temperature meter is provided with high accuracy and high sensitivity. By measuring the dielectric constant of the reaction of soil we get the direct stable real moisture content. The SMT-100 soil moisture & temperature meter can measure the volume of soil moisture. The VMC soil moisture measurement method is in line with international standards. Applies to the soil moisture monitoring, scientific experiment, water-saving irrigation, greenhouse vegetables, flowers, grass, soil, plant cultivation, sports fields, golf courses, greenhouse control etc.

- High measuring accuracy, fast response, good interchangeability
- Good sealing performance, corrosion resistance, long term buried in soil use
- Flame retardant epoxy resin curing and completely waterproof
- Needle using quality materials can withstand long-term electrolysis, corrosion of acid and alkali in the soil
- Reliable performance, the effects of soil salt content is small, suitable for all kinds of soil
- Having battery reverse polarity protection

Specification:

1. Moisture range: 0.0 to 100.0% VMC
2. Temperature range: -40.0 ~ 80.0°C
3. Measurement type: Volumetric soil water content
4. Accuracy: Temperature: $\pm 0.5^{\circ}\text{C}$, Moisture: $\pm 3\%$ (within 0-53%)
5. Measurement: Insert or buried
6. Pin length: Approx. 70mm
7. Average power consumption: $<0.5\text{mA}$