

# Soil Moisture Meter



Model: MC-7828SOIL

## Applications

Soil moisture is an important component of soil, which plays an important role in the growth of crops. The instrument adopts pin type measurement. By measuring the electrical conductivity between the two pins to measure the moisture content of soil.

## Specifications

### Features

- \* Digital display gives exact reading with no guessing or errors while a colour coded light (LED) indicates the moisture condition of the material. This combined presentation of moisture measurement helps the user to map the extent of problems and monitor changes in condition precisely and reliably.
- \* Used the exclusive Micro-computer LSI circuit and crystal time base to offer high accuracy measurement. It can obtain automatically the temperature corrected moisture value.
- \* Wide measuring range and high resolution.
- \* Automatic power off to conserve power.
- \* Can communicate with PC computer for statistics and printing by USB cable or Bluetooth adapter.
- \* Can store 99 groups of measurements.

Sensor Type	Pin
Range	0~80%
Accuracy	$\pm(0.5\%n+1)$
Resolution	0.1
Display	LCD
LED Indicator	Green LED represents a safe, air-dry state Yellow LED represents a borderline state Red LED represents a damp state
The Statistics Available	Last value / Mean value / Max. value / Min. value / Number of Readings
Memory	99 groups
Operating Conditions	Temperature 0~50°C Humidity < 90%RH
Power Supply	4x1.5V AAA (UM-4) Battery
Dimensions	Main Unit: 140x73x35mm Sensor: 320x44x44mm Length of pin: 150mm Diameter of pin: 3mm Distance between 2 pins: 18mm
Weight	280 g (Not Including Batteries)
Standard Accessories	Main Unit Sensor Carrying Case(B04) Operation Manual
Optional Accessories	USB Data Cable with Software Bluetooth Data Adapter with Software



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