Soil Moisture Meter

MC-7828SOIL

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.

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.

Specifications

Sensor Type		Pin
Range		0~80%
Accuracy		±(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	Temperature	0~50℃
Conditions	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