

Soil Moisture Meter



MC-7828SOIL

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.



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

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	