



# MEXTECH™

INSTRUMENTS OF TOMORROW

**SOIL MOISTURE METER MC7830SOIL**



## **APPLICATION:**

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.

## **SPECIFICATION:**

Sensor Type		Pin
Range		0 TO 80%
Accuracy		±0.5% or ±0.5%
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°C
Conditions	Humidity	< 90%RH
Power Supply		4x1.5V AAA (UM-4) Battery
Dimensions	Main Unit	140x73x35 mm
	Probe	320x44x44 mm
Weight		280 g (Not Including Batteries)
Standard Accessories		Main Unit Pin Probe

	Carrying Case
	Operation Manual
Optional Accessories	RS-232C Data Cable with Software
	Bluetooth Data Adapter with Software

## **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