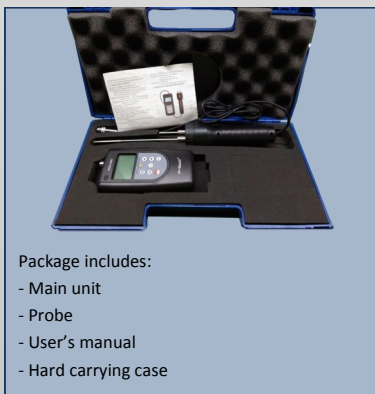


MSM-800 Digital Soil Moisture Meter



- Package includes:
- Main unit
 - Probe
 - User's manual
 - Hard carrying case



Overview:

Much of water remains in the soil as a thin film. Soil water dissolves salts and makes up the soil solution, which is important as medium for supply of nutrients to growing plants. Retention of Water by Soil: The soils hold water (moisture) due to their colloidal properties and aggregation qualities.

Since the direct gravimetric measurement of free soil moisture requires removing, drying, and weighting of a sample which takes time, the operator can use MSM-800 as a handy device that measures the moisture by using electrical specifications of the soil. Color coded lights (LED) indicate the moisture conditions in soil. The device is widely used in farming, gardening, greenhouses, etc.

Features:

- Wide measuring range and fine resolution
- Auto power off to conserve power
- Store 99 groups of measurements
- Communicating with PC computer for statistics and printing
- Used the exclusive Micro-computer LSI circuit and crystal time base (Obtaining temperature corrected moisture value)
- Small size and easy to operate
- Quick response time

Parameter	Value
Sensor Type	Parallel pins
Range	0~80%
Accuracy	±0.5% or ±0.5%
Resolution	0.1
LED Indicator (color)	Green: safe, air-dry state Yellow: borderline state Red: damp state
Available statistics	Last value / Mean value / Max. value / Min. value / Number of readings
Memory	99 groups
Operating conditions	0~50°C & <90%RH
Power Supply	4x1.5V AAA (UM-4) Battery
Dimensions	Main unit: 140x73x35 mm Probe: 320x44x44 mm
Weight	280 g (Not Including Batteries)
Optional accessories	Connecting cable (USB) with software Bluetooth Data Adapter with software

