



### DIGITAL SOIL MOISTURE METER APPLICATIONS

- Irrigation and sprinkler systems.
- Moisture monitoring of bulk foods.
- Rain and weather monitoring.
- Environmental monitoring.
- Water conservation applications.
- Fluid level measurements.

### DIGITAL SOIL MOISTURE METER FEATURES

- Low cost , Easy to use , Pocket sized.
- Graphical digital display, with LED back light.
- Displays moisture, ambient air temperature, and light levels, and displays time.
- Not conductivity based, and insensitive to salinity.
- Probe does not corrode over time.
- Rugged design for long term use.
- Batteries last for years with normal use.
- Precise measurement.
- Measures volumetric water content (VWC).
- The probe can be buried and is water proof.
- Because the probe is slender, it can also be used in smaller house plants without disrupting roots.
- The USB version can be stream data to a PC, and recieve firmware upgrades.

### OPERATING MANUAL

To turn the unit on, press the center button.

To scroll up and down through the menu, use the up and down buttons.

To return to the previous menu without saving data, use the left button.

To return to the previous menu and save data, use the center button.

To modify data on a a data input screen use the up and down keys.

#### The meter has the following menu items available:

##### ● **Display**

On time before sleeping - Set the number of minutes for the display to stay on before sleeping.

Set to zero for always on.

Backlight LEDs (On/Off) - Turns on or off the display back lights.

Battery Voltage - Displays the current battery voltage.

##### ● **Moisture**

Show - Show or disable the moisture level on the main screen.

VWC/Volts - Express the soil moisture reading in VWC (Volumetric Water Content) or in sensor Volts.

##### ● **Light**

Show - Show or disable the light level on the main screen.

##### ● **Temperature**

Show - Show or disable the temperature on the main screen.

Units - Express the Temperature in Celcius or Fahrenheit.

Calibrate - Set an Celcius offset or multiplier to fine tune the temperature readng.

##### ● **Time**

Show - Show or disable the current time on the main screen.

Set Time - Set the current time.