METRIA

User Manual for the Digital Thermo-Hygrometer for Cultivation

Model No. **D100**

1 Specifications:
- Soil Temperature Range: -20 °C to +70 °C (-4 °F to +158 °F)
- Air Temperature Range: -10 °C to +50 °C (+14 °F to +122 °F)
- Air Humidity Range: 20% RH to 99% RH
- Power Supply: 9V battery

2 Functions:
- Air temperature and soil temperature display
- Air humidity display
- Sunlight intensity display
- Temperature unit changeable between °C and °F
- Data hold function
- Display of comfort degree:

① ☺ appears when air and soil temperatures are between 15 °C and 30 °C.
☹ appears at other temperatures.
② ☺ appears when humidity is between 60% and 80% RH.
☹ appears at other humidity levels.

3 Button Functions:

[ON/OFF] Press the ON/OFF button to turn on the meter. Press and hold this button for 3 seconds to turn off the meter.

[° C/° F] Press to change the temperature unit between Celsius (°C) and Fahrenheit (°F).

[HOLD] Press the HOLD button to hold the temperature value during measurement.

4 Operations:

4-1 Loosen the screws, open the battery compartment cover, remove the polarity insulator, replace the cover, and the meter will start working.

4-2 Press the [° C/°F] button to change the temperature unit between Celsius (°C) and Fahrenheit (°F).

4-3 Sunlight intensity display area—9 levels: LOW-, LOW, LOW+, NOR-, NOR, NOR+, HGR-, HGR, HGR+.

4-4 Press the [HOLD] button to hold the temperature and humidity values during measurement; the backlight will flash for 10 seconds. Press again to

start a new measurement.

4-5 If you do not manually touch the hold data within 15 seconds, the data will be automatically released after 15 seconds.

Sunlight Intensity Display Comparison Table:

Appropriate sunlight is crucial for plant growth. The meter measures environmental light intensity and displays it, providing a reference for your plant's needs. The table below shows the different intensity levels:

LOW-	LOW	LOW+	NOR-	NOR	NOR+	HGR-	HGR	HGR+
Very low	Low	Low to middle range	Lower middle range	Middle range	Higher middle range	Relatively high	High	Very high

5 Precautions:

5-1 When installing the battery, ensure the positive and negative poles are properly aligned; do not install them in reverse.

5-2 Do not expose the product to water or fire.

5-3 Remove the battery if the product will not be used for an extended period to prevent damage from leakage.

5-4 If the thermometer does not work properly, remove the battery and reinstall it after 2 seconds.

5-5 Dispose of the battery according to local regulations after it is used up.

5-6 We will not provide separate notifications for any changes made to this meter.