

PIN TYPE MOISTURE METER

I. INTRODUCTION

This is a equipment to measure material moisture, environment temperature, and environment humidity. Generally the user will use this device to measure the water containment of wood. Environment temperature and humidity can be the reference when user measures the water containment of the material.

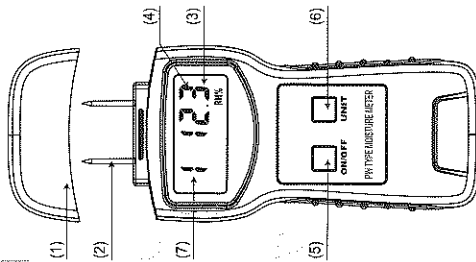
II. FEATURE

- Environment temperature, environment humidity, material moisture measurement.

- LCD Display
- Auto shut off

III. PRODUCT DESCRIPTION

- (1) Probe protection cap
- (2) Testing probe
- (3) LCD display
- (4) Measurement value
- (5) ON/OFF button
- (6) UNIT button
- (7) Material category



IV. SPECIFICATION

- (a) Unit
 - Environment Temperature: °C / °F
 - Environment Humidity: RH%
 - Material Moisture: %
- (b) Measurement Range
 - Category 0: Environment Temperature 0 ~ 50°C
 - Category 1: Environment Temperature 32 ~ 122°F
 - Category 2: Environment Humidity 25% ~ 90%RH
 - Category 3: 9.0% ~ 22%
 - Category 4: 10.0% ~ 60.0%
- (c) Resolution
 - Environment Temperature: 0.1 °C/°F
 - Environment Humidity: 0.1%
 - Material Moisture: 0.1%
- (d) Accuracy
 - Environment Temperature: ±2°C@ 0 ~ 50°C

(e) Measurement Speed

- Environment Temperature Refresh Time: <0.5 s
- Environment Humidity Refresh Time: <0.5 s
- Material Moisture Refresh Time: <0.5 s

(g) Power

- 4 x 1.5V AAA battery
- Please change the battery when "E" on the LCD.
- Please take off the battery before store the device for a long period.

(f) Storage And Operating Condition

- Working Environment: 0 ~ 50 °C @ <80% RH (without freeze)
- Storage Environment: -10 ~ 60 °C @ <85% RH (without freeze)

(h) Warning

- Do not operate this device in high temperature, high pressure, or full of dust environments.
- Do not operate this device near explosive components, flammable components.
- Please confirm the condition of the device before any operation. If there is any damage, do not operate it.

V. OPERATION

(a) Power ON/OFF

- Short press ON/OFF button to switch on the power.
- Short press ON/OFF button again will switch off the power.
- Device will auto power off after 10 minutes.

(b) Material Category Selection

Short press UNIT button to select the material category after the device been powered on. The category is listed following:

- 0: Environment Temperature (°C)
- 1: Environment Temperature (°F)
- 2: Environment Humidity
- 3: Wood with unknown density
- 4: Wood with density about 0.65 ~ 0.8 g/cm³

If measured value is lower than specification, "Lo" will be displayed, if measured value is higher than specification, "Hi" will be displayed.

For example, when the measured value is 8% at category 3, "Lo" will be displayed.

(c) Caution

- For better accuracy, please repeat the measurement on multiple location with a material.

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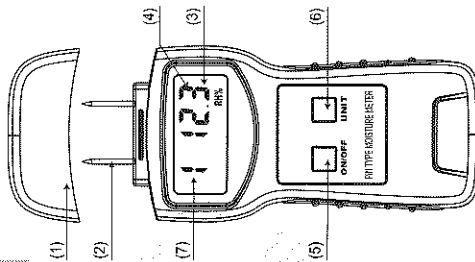
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