

# WOOD/BUILDING MATERIAL MOISTURE METER (MT230)

## OPERATION INSTRUCTIONS:

PLEASE READ ALL OF THE INSTRUCTIONS BEFORE USING THE METER

### FEATURES:

Display: LCD and 3 colors backlight

Measurement Range: Wood: 8~60%

Building Material: 0.3-2.0%

Temperature: 0 ~ 50°C or 32 ~ 122°F

Accuracy: Wood:  $\pm 2\%$

Building Material:  $\pm 0.1\%$

Temperature:  $\pm 2^\circ\text{C}$  /  $\pm 4^\circ\text{F}$

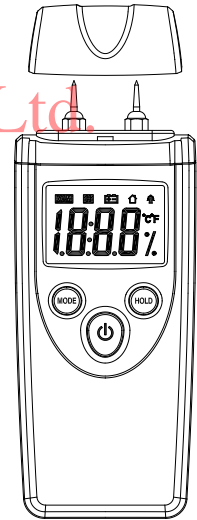
Low Battery Indication: Symbol "E" shown on the display

Automatic Power-Off

Hold-function to freeze the measurement

Operating Environment: Temperature: 0 ~ 40°C

Relative Humidity < 85%



Advance Plus Co., Ltd.

### BATTERY INSTALLATION:

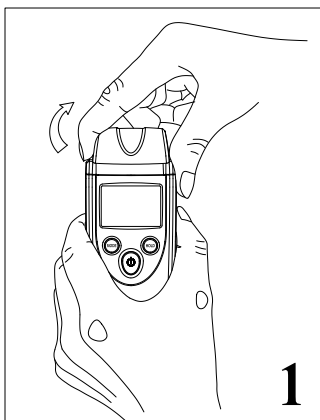
Requires one standard 9V battery (not included).

Battery compartment is located on the back of the meter.

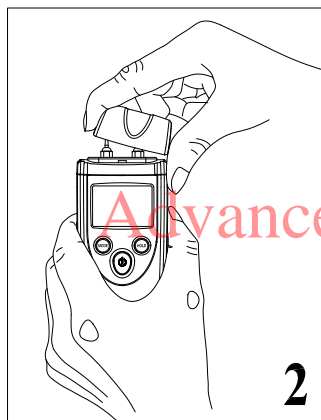
1. Open battery door on back of case.
2. Connect a new 9V battery.
3. Replace the cover. The meter is now ready for use.

### FRONT COVER OPERATION:

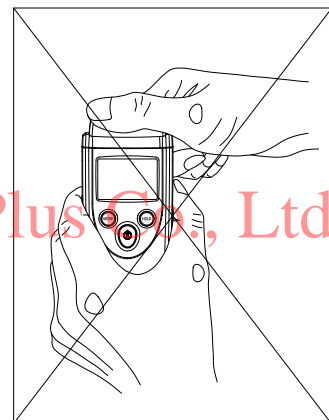
Illustration:



CORRECT





CORRECT



WRONG



## OPERATION INSTRUCTION:

1. Press the “” button once to turn on the instrument, press the “” button another time to turn off the instrument.


**NOTE: You must power on the instrument in the air before use.**

2. Selecting desired Measurement Mode
  - a. After the instrument has been turned on, press the “MODE” button to select desired measurement mode.

The four modes are as follows:

Wood moisture measurement mode ( “” displays ), material moisture measurement mode ( “” displays ), Celsius temperature measurement mode ( “°C” displays), Fahrenheit temperature measurement mode ( “°F” displays).

- b. After the desired measurement mode is selected, now you can start measurement.
3. Performing Measurement
    - a. For temperature measurements, the display shows the present environment temperature directly.
    - b. To perform moisture measurements, drive the probes into the wood or material to be measured, read the reading on the display.

4. Freeze the measurement
  - a. After the instrument is turned on, press the “HOLD” button to saved measured value, the “” icon will show on the screen. By pressing the “HOLD” button another time, the measuring mode will get reactivated.
  - b. When display “\_ \_ \_” or “— — —”, press the “HOLD” button can't freeze the measurement.
  - c. When freeze the measurement, press the “MODE” button the measuring mode will get reactivated except in Celsius temperature measurement mode.


5. Automatic Power-Off Feature

If you don't operate the instrument (or the reading does not change) for about 3 minute, the instrument will turn off automatically.

6. Backlight

- a. In wood moisture or material moisture measurement mode
  - Green backlight: indicates "air-dry" conditions.
  - Yellow backlight: indicates increased moisture.
  - Red backlight: indicates excess moisture.
- b. In Celsius or Fahrenheit temperature measurement mode
  - Always green backlight

## NOTE:

1. Keep the instrument dry.
2. Keep the probe clean.
3. Keep the instrument and battery out of reach of infant and child.
4. Some factors (such as material type and temperature) can affect moisture measurement result and may make it necessary to correct the displayed value. Don't use the instrument in the case of inspections or for reference purposes.
5. When the symbol “” appears, the batteries are low and should be replaced.