

USER MANUAL

MOISTURE METER

PCE-PMM 10

ENGLISH



User manuals in various languages (français, italiano, español, português, niederlands, türk, polski) can be found via our product search on:
www.pce-instruments.com

1. INTRODUCE

- » The Pinless Moisture Meter is a tester that uses inductive sensors to measure moisture in the material, material moisture value can be displayed in real-time.
- » 10 materials can be measured: Dry wall, Masonry, Hardwood, Softwood, Hard gypsum floor (Wt%), Hard gypsum floor (CM%), Cement (Wt%), Cement (CM%), Concrete, Gypsum plaster.
- » Can be simple button operation and comfortable feel, so that users can use this instrument more easily and quickly to measure.

Note: CM% is carb method and Wt% is water weight method.

2. FUNCTION

- » The LCD off-code screen display is shown
- » Material moisture measurement, measurement principle: capacitive type
- » Induction measurements of 10 materials
- » 10s Backlight, any button trigger
- » Turn it off automatically for 10 minutes
- » Low-Power display
- » Alarm threshold value settings
- » Data remains functional

3. DESCRIPTION

3-1.Meter Description

- 1 - LCD Display
- 2 - Indicator Light
- 3 - MODE Button
- 4 - ON/OFF Button
- 5 - HOLD Button
- 6 - SET Button
- 7 - Induction Sensor
- 8 - Battery Cover



3-2.Symbols Used on LCD Display

- 1 - Material Type Number
- 2 - HOLD sign
- 3 - Inductive Formula (REL) Mode
- 4 - Battery indicator
- 5 - Cellular Alarm Symbol
- 6 - Automatically Shut Down Symbol
- 7 - Percent (%)
- 8 - Displays the Values



4. TECHNICAL PARAMETER

Material	Range	Resolution	Accuracy
Hardwood	0 ... 35 %	0.1 %	± 4 %
Softwood	0 ... 55 %	0.1 %	± 4 %
Drywall	0 ... 100 % Relative (See Appendix for others)	0.1 %	Relative Readings
Working Temperature	0 ... 40 °C (32 ... 104 °F), < 80 % RH		
Storage Temperature	-10 ... 40 °C (14 ... 104 °F), < 70 % RH		
Battery	9 V battery		

5. OPERATION

5-1. Startup & Shutdown

- » Press the ON/OFF Button to start on, press the ON/OFF Button to shut down.
- » The hand shall be kept as far as possible from the humidity board.

5-2. Alarm Threshold Value Settings

- » Long press the **SET** Button to enter the alarm threshold setting.
- » Short press the **HOLD** or **MODE** Button to increase or decrease the alarm threshold, and short press the **SET** Button to switch between the alarm point and alarm switch options.
- » **MAT1** is the first alarm point; When the humidity reaches a set threshold, the buzzer emits a rapid beep and lights up yellow (Setting range: 20 % ... 69 %).
- » **MAT2** is the second alarm point; When the humidity reaches a set threshold, the buzzer emits a sound and lights up red (Setting range: 70 % ... 100 %).
- » **ON/OFF** turns the alarm function on or off.

5-3. Material Type Select

- » The moisture tester can measure 10 materials, with numbers corresponding to numbers 0 ... 9.
- » When you press the **MODE** Button, the number is increased by 1.
- » When the number reaches 9, simply press the **MODE** Button to change the number to 0.

5-4. Auto Power Off Function

- » When the automatic shutdown function is off, press the **MODE** Button for the automatic shutdown function on.
- » When the automatic shutdown function is turned on, long press the **MODE** Button, and the automatic shutdown function turns off.
- »  shows that the automatic shutdown function is turned on and vice versa.
- » After the automatic shutdown function turns on, the instrument will automatically turn off after 10 minutes.

5-5. Low-Power Display Function

When the instrument battery voltage is low, " " indicates that the battery needs to be replaced at this time.

5-6. HOLD Function

When HOLD function turns on, HOLD character display, start data hold function and prohibit key function.

5-7. Backlight

The backlight turns on, automatically turn off after 10s, and press any button to restart the backlight.

6. APPENDIX

Number	Function	Range	Resolution
0	Drywall	0 ... 100 %	0.1 %
1	Masonry	0 ... 89.5 %	0.1 %
2	Hardwood	0 ... 35.0 %	0.1 %
3	Softwood	0 ... 55.0 %	0.1 %
4	Anhydrite Screed (Wt %)	0 ... 3.5 %	0.1 %
5	Anhydrite Screed (CM %)	0 ... 1.5 %	0.1 %
6	Cement Screed (Wt %)	0 ... 4.7 %	0.1 %
7	Cement Screed (CM %)	0 ... 3.0 %	0.1 %
8	Concerte	0 ... 6.0 %	0.1 %
9	Gypsum Screed	0 ... 10.0 %	0.1 %

Note: CM WW % is carb method and Wt % is water weight method

DISPOSAL

For the disposal of batteries in the EU, the (EU) 2023/1542 directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose. In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law. For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations. If you have any questions, please contact PCE Instruments.

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