

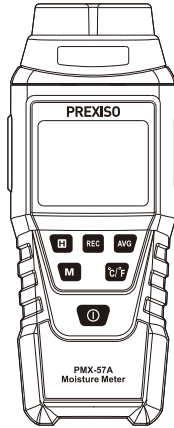


www.prexiso-eu.com

PREXISO

- EN MOISTURE METER
- IT IGROMETRO
- DE FEUCHTIGKEITSMESSER
- ES MEDIDOR DE HUMEDAD
- FR HUMIDIMÈTRE
- RUS ТИГРОМЕТР

2 YEARS LIMITED WARRANTY



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PMX-57A

IMPORTANT: Read before Using

The safety instructions and the user manual should be read through carefully before the product is used for the first time.

- SAFETY INSTRUCTION:**
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 battery are low and should be replaced. Ensure that battery polarity connections are correct when replacing batteries. If you will not use the instrument for a long period, remove the batteries.

- PROHIBITED USE**
- Using the product without instruction.
 - Using outside the stated limits.
 - Deactivation of safety systems and removal of explanatory and hazard labels.
 - Opening of the equipment by using tools (screwdrivers, etc.).
 - Carrying out modification or conversion of the product.
 - Use of accessories from other manufacturers without express approval.

CAUTION
Never attempt to repair the product yourself. In case of damage, contact a local dealer.

LIMITS OF USE
Refer to section "Technical data". The device is designed for use in areas entirely habitable by humans. Do not use the product in explosion hazardous areas or in aggressive environments.

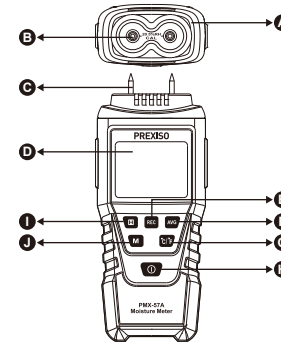
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AREAS OF RESPONSIBILITY RESPONSIBILITIES OF THE PERSON IN CHARGE OF THE INSTRUMENT:

- To understand the safety instructions on the product and the instructions in the User Manual.
- To be familiar with local safety regulations relating to accident prevention.
- Always prevent from accessing to the product by unauthorized personnel.

- FUNCTION**
- This product is a DC resistance type (pin type) material moisture meter, commonly used to measure the moisture content of wood or building materials. The moisture content of the material is displayed directly as a percentage. The instrument has built-in characteristic parameters of 7 different kinds of wood and building materials. This measurement can provide a basis for the need for further drying.
 - In addition to measuring the moisture content of the material, the ambient humidity and temperature can also be measured so that the dry environment can be evaluated directly on site.

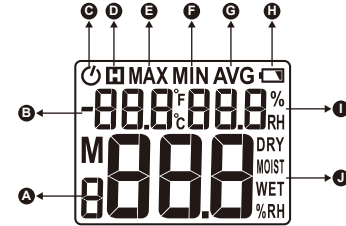
PRODUCT DESCRIPTION



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PARTS	DESCRIPTION
A	Probe cover (built-in standard test resistance)
B	Standard resistance test contact
C	Probe
D	LCD display
E	Max/Min hold key
F	Multi-point measurement average key
G	Temperature unit selection key
H	Power on / off key
I	Data hold key
J	Measure material category selection key

Display



PARTS	DESCRIPTION
A	Material type display area
B	Ambient temperature display area
C	Automatic power off symbol
D	Data hold symbol
E	Max hold symbol
F	Min hold symbol
G	Multi-point average measurement
H	Low battery indicator
I	Ambient humidity display area
J	Material moisture display area

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Features

- Built in characteristic parameters of 7 different kinds of wood and building materials
- Single-point measurement
- Multi-point average measurement
- Data hold
- Maximum and minimum measurement
- Automatic shutdown (can be cancelled when the user starts up)
- Ambient temperature measurement
- Environmental humidity measurement
- Low battery indicator

OPERATION INSTRUCTIONS

Attention

In order to ensure the accuracy of the measurement readings, please select as many points of average measurement as possible. Be sure to measure moisture along the grain.
The values shown are closely related to the building materials / manufacturers and the surrounding environment. Sometimes even for the same material, there will be great differences between different batches.

Battery installation and replacement

- Turn off the power
- Use a screwdriver to loosen the screws on the battery cover and open the battery cover.
- Remove the old battery and replace it with a new battery of the same type (3 x 1.5V AAA alkaline battery)
- Then close the battery cover and lock the battery cover with screws.

Note: pay attention to the polarity of the battery when replacing it

General measurement operation

- Press the key to turn on power and enter the measurement mode.
- Press the key to select the measured material category as 1, and the material category number is displayed in the lower left corner of the display.
- After selecting the material category, remove the protective cap, insert two test pins of the instrument into the test contacts on the protective cap at the same time, and ensure good contact.
The meter will display approximately 20.5%RH, indicating that the meter is operating properly.

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Single point measurement

- Press the key to turn on power and enter the measurement mode.
- Press the key to select the measured material category, and the material category number is displayed in the lower left corner of the display.
- After selecting the material category, remove the protective cap and insert the two test pins of the instrument into the tested material at the same time.
- Press the key to keep the measurement result, and the symbol will be displayed on the display.
- Read the measurement results from the display.
- After the measurement, please cover the protective cap in time.

Multi-point average measurement

- Press the key to turn on power and enter the measurement mode.
- Press the key to select the measured material category, and the material category number is displayed in the lower left corner of the display.
- After selecting the material category, remove the protective cap and insert the two test pins of the instrument into the tested material at the same time.
- Press the key to turn on the multi-point average measurement function, and automatically record the first measurement value, which will be displayed in the upper right display area of the display screen.
- Change the measuring positions of the two test pins of the instrument, press key again, the instrument will average the measured values with the values measured in the front, and display them in the upper right display area of the display.
- Repeat step e until the measurement stops and read the average of all points measured from the upper right display area of the display.
- Press and hold for about 2 seconds to exit the multi-point average measurement function.
- After the measurement, please cover the protective cap in time.
Note: when the measured value of the measuring point exceeds the measuring range of the instrument, the average operation will not be added to the measured value.

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- Without any operation, the meter will automatically shut down after about 10 minutes to save battery energy. If necessary, you can cancel the automatic shutdown function as follows:
Under the shutdown status of the meter, press and hold the key, and press the key to enter the full screen, and then first release the key, then release the key. At this time, the automatic shutdown symbol in the upper left corner disappears and the automatic shutdown function is cancelled, and the user needs to turn off the meter manually. The automatic shutdown function will be restored after restarting.

Maximum and minimum measurement

Press to turn on the function of maximum and minimum values, and then press this key to view the maximum and minimum values in cycles; press and hold for about 2 seconds to exit the function of maximum and minimum values.

Material category selection

Press key to select 1-7 material category number. Please refer to material comparison table for material number selection.

Temperature unit selection

Press to change the temperature unit.

MATERIAL CODE TABLE

Material Code	Material Name	Density Range
1	Beech, spruce, larch, birch, cherry, walnut	8.8-54.8%
2	Oak, pine, maple, ash, douglas fir, eucalyptus	6.8-47.9%
3	Cement mortar layer, concrete	0.9-22.1%
4	Anhydrous gypsum mortar layer	0-11%
5	Cement mortar	0.7-8.6%
6	Lime mortar, gypsum	0.6-9.9%
7	Brick	0.0-16.5%

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GENERAL SPECIFICATIONS

Moisture measuring range	Material 1: 9.0%-57.0% Material 2: 7.0%-52.0% Material 3: 0.9%-23.0% Material 4: 0.0%-12.0% Material 5: 0.7%-9.0% Material 6: 0.5%-10.0% Material 7: 0.0%-17.0%
Accuracy	±2.0%
Ambient temperature range	-20.0-60.0°C
Accuracy	±1.5°C
Ambient humidity range	0.0-99.9%RH
Accuracy	±4.0%RH
LCD display dimension(WxH)	40 x 30mm
Operating temperature	-10 ~ 50°C
Operating humidity	20 ~ 90%RH
Storage temperature	-10 ~ 60°C
Storage humidity	20 ~ 90%RH
Dimension(L x W x H)	14.7 x 6 x 3.3cm
Weight(excl.batteries)	122.2g
Power supply	3xAAA 1.5V alkaline batteries

Note: Accurate environment temperature will be obtained in about 30 minutes if using in thermo shock (sudden change in ambient temperature occurs).

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DISPOSAL

CAUTION

The batteries must not be disposed with household waste. Care for the environment and take them to the collection points provided in accordance with national or local regulations. Dispose of the product appropriately in accordance with the national regulations in force in your country. Adhere to the national and country specific regulations.



WARRANTY

This product is warranted to the original purchaser from the original purchase date for two years subject to the warranty coverage described herein. Please retain your receipt. This product is warranted to the original user to be free from defects in material and workmanship. If you believe that the product is defective at any time during the specified warranty period, pls contact Prexiso customer service agent by sending email to info@prexiso-eu.com.
This warranty does not cover: (1) Part failure due to normal wear or product abuse. (2) Any parts have been altered or modified by anyone other than an authorized Prexiso personnel or failure to install and operate equipment according to the guidelines put forth in the instruction manual. (3)Any products or parts used for rental purposes, damage resulting from shipping (claims must be filed with freighter), accident, abuse, act of God, misuse, or neglect. Prexiso will replace or repair the defective unit, at its option, subject to verification of the defect. Any implied warranties arising from the sale of a Prexiso product, including but not limited to implied warranties of merchant ability and fitness for a particular purpose, are limited to the above. Prexiso shall not be liable for loss of use of the product or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss. This warranty excludes any accessories. This warranty gives you specific legal rights, and you may also have other rights that vary from state.



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