

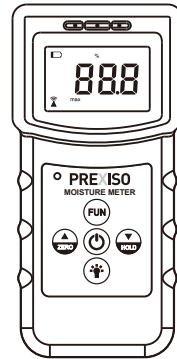


www.prexiso-eu.com

PREXISO

- EN USER MANUAL
- NL HANDLEIDING
- DE BENUTZERHANDBUCH
- TR KULLANIM KILAVUZU
- FR MANUEL UTILISATEUR
- DK BRUGERMANUAL
- IT MANUALE UTENTE
- FI OHJEKIRJA
- ES MANUAL DE USUARIO
- NO BRUKERMANUAL

2 YEARS LIMITED WARRANTY



PM70NP

IMPORTANT:
Read before Using

EN

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 sensor area 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.

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
- Deliberate dazzling of third parties; also in the dark
- Inadequate safeguards at the surveying site (e.g. when measuring on roads, construction sites, etc.)

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.

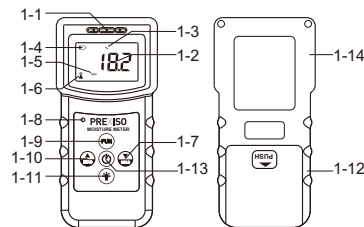
FUNCTION

This instrument is used for measuring moisture in wood, timber, paper, bamboo, carton, concrete, metope, and other building materials.

PRODUCT OVERVIEW

Fig. 1 shows all of the controls, indicators and physical features of the PM70NP. Familiarize yourself with their names, positions and functions before moving on to the Setup Instructions.

Fig. 1. The controls, indicators and physical features of the PM70NP.

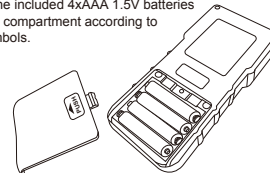


- 1-1 Beeper
- 1-2 Testing value
- 1-3 % sign
- 1-4 Low battery icon
- 1-5 Max sign
- 1-6 Testing sign
- 1-7 Hold/dec button
- 1-8 LED alarm light
- 1-9 Function button
- 1-10 Zero/inc button
- 1-11 Backlight key
- 1-12 Battery compartment
- 1-13 Power on/off button
- 1-14 Inductive sensor area

SETUP INSTRUCTIONS

INSTALL BATTERY

Open the battery compartment (Fig. 1, Callout 1-12) and insert the included 4xAAA 1.5V batteries into the compartment according to the symbols.



OPERATION INSTRUCTION

1. To power on the meter, slightly press the button. To power off the meter, slightly press the button or press and hold the button for 5 seconds and release the button until the display reads OFF.
2. When the button is turned on, the display reads 0. If the display reads other value than 0, a manual calibration is needed. To manually calibrate the meter, turn on the meter and hold it in one hand with the top in the air. Make sure your fingers are not touching or near the inductive sensing area (Fig. 1, Callout 1-14). Press and hold the button until the display reads 0, then release the button, calibration is complete.
3. There are 10 material codes based on the density per m³ of each material you can choose from the meter (see the following material codes table). To measure the moisture level of wood and other building materials, press and button to choose the suitable material code, then scan the material by gently pressing the inductive sensing area (Fig. 1, Callout 1-14) on the back of the meter against the material. The LCD will read out the material's moisture content as a percentage.

MATERIAL CODES TABLE

Density code	Density kg/m ³	Reference material Vs density	Reference density
00	600	Timber, chipboard	600
01	800	Coal ash(dry), alcohol	800
02	1000	Polyethylene, paraffin	800-1000
03	1200	Bamboo, ABS, cement, clunch	1000-1200
04	1400	Bakelite, fibre paste board, rubber, sand(dry)	1400-1600
05	1600	Stone, grit(dry), vitriol(87%)	1600-1800
06	1800	Sand(wet), bricklaying	1800-2000
07	2000	Quartz glass, diatomite, concrete, asbestos	2000-2200
08	2200	China, marble, granite	2200-2500
09	2500		

4. To hold a maximal reading, press the button briefly. The display will show the held value, along with a max sign (Fig. 1, Callout 1-5). Press the button again, this function will be cancelled.
Measurement Tips
For maximum accuracy, press the sensing area against a flat area of the material. Ideally, the material should be at least 50mm thick. If your sample is too thin, the meter will measure material beneath it as well and produce an inaccurate reading. One way to compensate for thin samples is to stack them. Furthermore, a magnetic or metallic object should not be put around 20cm away from the tested samples.

GENERAL SPECIFICATIONS

Measurement range	0-70%
Measurement accuracy	±0.5%
Sensing depth	31/32 in.(50mm)
Inductive sensor size(W x H)	1.6 x 1.97 in.(40 x 50mm)
LCD display(W x H)	1.7 x 1.02 in.(43 x 26mm), digital LCD with backlight
Display resolution	0.1
LED alarm light	Green(dry); testing value<AL1 Yellow(moist); AL1<testing value<AL2 Red(wet); testing value>AL2
Auto power off trigger	5 minutes of inactivity
Operating temperature	32° to 140°F (0° to 60°C)
Humidity	5% to 90% R.H.
Dimensions(L x W x H)	5.7 x 2.8 x 1.1 in.(145 x 70 x 27mm)
Weight(excl. batteries)	4.2 oz. (120g)
Power supply	4 x AAA 1.5V alkaline batteries

ALARM VALUE SETTING

To set the AL2 alarm value, press and hold the button for about 7 seconds until the display reads "AL2", then press or button to choose your suitable value based on your needs.
To set the AL1 alarm value, press and hold the button for about 9 seconds until the display reads "AL2", then, press or button to choose your suitable value based on your needs.

Usually, The set alarm value of "AL2" must be bigger than the set alarm value of "AL1". If the set alarm value of "AL2" is less than the set alarm value of "AL1", the alarm value will be automatically restored to the factory setting, namely AL1=13, AL2=18.



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.

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 related to the accident prevention.
- Always prevent accessing to the product by unauthorized personnel.

NOTICE ABOUT PRODUCT CARE

This product is a precision instrument which must be handled with care. Do not subject the device to jolts or vibrations. Clean with a soft cloth and glass cleaner. Transport and storage in original case if included in the scope of delivery.

Prexiso AG
Fabrikstrasse 1, CH-8586 Erlen / Switzerland
www.prexiso-eu.com



Prexiso AG
Fabrikstrasse 1
CH-8586 Erlen /Switzerland

www.prexiso-eu.com