



DOSTMANN HumidCheck Non-Contact Moisture Measuring Instrument Instruction Manual

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DOSTMANN HumidCheck Non-Contact Moisture Measuring Instrument



Specifications

- Sensor type: High frequency
- Measurement range: 0 – 100
- Battery: 9V
- Dimensions: Not specified
- Weight: 180g

Product Information

The HumidCheck Non-Contact Moisture Meter is an electronic dampness indicator designed for non-destructive measurement of moisture in various building materials. It can detect dampness in walls, ceilings, and floors, making it ideal for pre-testing materials before further construction.

Product Usage Instructions

Safety Instructions

- Check the package for damage and completeness.
- Use the device only for its intended purposes.
- Keep the instrument away from children.
- Store in a dry place and protect from shocks or vibrations.
- Do not use abrasive cleaners; clean with a dry or damp soft cloth.
- Do not use the device if damaged; contact the distributor if needed.

Features

- Quickly displays moisture content of materials
- Penetration depth approximately 20-40mm
- Battery discharge indicator
- Automatic shut-off function
- MAX/MIN function
- Measurement and hold function
- LCD display with white backlight

Button Function

The backlight button turns the backlight on or off.

Moisture Range Information

The instrument provides moisture status indications for different materials and corresponding moisture ranges.

Battery Replacement

Use a 9V battery for replacement.

Converting Table

Conversion table to interpret moisture content readings for materials like Gips, Estrich, and Holz.

Cleaning Conditions

Use a dry or damp soft cloth for cleaning; do not allow liquid inside the device.

General Provisions

Includes information on symbols, disposal, and other general guidelines.

FAQ

- **Q: Can the HumidCheck Non-Contact Moisture Meter measure moisture in all types of building materials?**
 - A: Yes, the meter can measure moisture in various building materials non-destructively.
- **Q: What should I do if the device is damaged?**
 - A: Do not use the device if damaged. Contact your distributor for assistance.

HumidCheck Non-Contact
Moisture measuring instrument

5020-0343

Instruction for Use

www.dostmann-electronic.de

introduction

The NON-Contact Moisture Meter is an electronic dampness indicator with a measuring process working on the principle of high frequency measurement. The instrument is used for non-destructively tracing dampness in building materials of all kinds as well as for detecting damp distribution in walls, ceilings and floors. It is particularly suitable for pre-testing the readiness of building materials for covering

prior to CM measurement.

Safety instructions

- Check if the contents of the package are undamaged and complete.
- Use the device only for purposes for which it is intended.
- The instrument is not a toy. It must be kept out of the hands of children.
- Store the device in a dry place.
- Do not drop the instrument! Protect the instrument against shock or vibrations.
- For cleaning the instrument please do not use an abrasive cleaner only a dry or wet piece of soft cloth. Do not allow any liquid into the interior of the device. Note the cleaning conditions.
- Do not use the device when the instrument or a part of the instrument is damaged. In case of a defective device please contact your distributor.

Delivery contents

- Moisture Meter
- 9 volt battery
- Instruction for Use

Operating the unit

Features

- Quickly indicate the moisture content of materials
- Depth of penetration about 20-40mm.
- Low battery indication
- Auto Power Off
- MAX/MIN Function
- Measure and HOLD Function
- White Backlit LCD Display

Description of the unit

1. Metal Ball
2. MAX/MIN Button
3. LCD Display
4. Power ON/OFF Button
5. Backlight Button
6. MEAS Button
7. Battery Cover



Button Function

- **Power Button**

Turn the meter power ON or OFF.

- **MEAS Button**

Press the MEAS button, the instrument will start measuring. Release this button the “HOLD” icon will appear on the LCD indicating that the current reading is being held.

- **MAX/MIN Button**

When taking measurements, press MAX/MIN Button, the ‘MAX’ icon will appear on LCD display and the meter will begin keeping track of MAX value. Press the button again, ‘MIN’ icon will appear on LCD display and the meter will begin keeping track of MIN value. Press MAX/MIN button for two seconds to exit this mode.

- **Backlight button**

Turn the backlight on or off.

- **Measuring degree of moisture**

Hold the instrument without touching the sensor. Keep your hands and fingers away from the sensor during measurements.

After switching on and pressing “MEAS” the instrument does a self-calibration. There fore hold the instrument during the first measurement into the air away from yourself and other surfaces. The display indicates “CAL”.

After appr. 2 seconds it will display 000 (Keep “Meas” pressed until CAL disappears). Now you can start with the measurements. Hold the instrument as near to the back as possible. Press the “MEAS” button and use the ball to scan the surface under investigation. The ball must be in firm contact with the material. To obtain the best results, the instrument should be held at an angle of 90° to the surface to be measured.

Once metal is present in building materials, there may be Incorrect measurements come.

Following information is used as reference.

The instrument is an indicator for quick measurements.


Building Moisture range Moisture status

Materials (unit)

Gypsum	< 30 30 – 60 > 60	DRY MEDIUM WET
Cement	< 25 25 – 50 > 50	DRY MEDIUM WET
Wood	< 50 50 – 80 > 80	DRY MEDIUM WET

For many building materials, there are different composition does not have a clear correlation to the measured value. In this case, we recommend carrying out a comparative measurement with dry and damp material.

Battery replacement

If the icon  appears on the LCD display, it indicates that the battery should be replaced. Open the battery case and replace the exhausted battery with new battery.

Converting table

LCD	Gypsum (mineral) %water	Screed/Cement %water	Wood %water
15			
20			10,00
25			12,00
30	0,25		15,00
35	0,30	2,50	17,00
40	0,40	2,65	20,00
45	0,65	2,85	
50	1,00	3,20	
55	1,40	3,55	
60	1,70	4,00	
65	1,90	4,30	
70	2,05	4,70	
75	2,20	5,10	
80	2,35	5,45	
85	2,50	5,75	
90	2,65	6,10	

This information is a rough indication. For wood the results are determined by pine tree.

Specification

- **Sensor Type:** metal spheroid
- **Measuring Range:** 0 to 100
- **Max Resolution:** 1
- **Battery:** 9V battery
- **Dimensions:** 180 mm×45mm×35mm
- **Weight:** 180g

General provisions

Explanation of symbols




This sign certifies that the product meets the requirements of the EEC directive and has been tested according to the specified test methods.

Disposal

- This product and its packaging have been manufactured using high-grade materials and components which can be recycled and reused. This reduces waste and protects the environment. Dispose of the packaging in an environmentally friendly manner using the collection systems that have been set up.



- Disposal of the electrical device: Remove non-permanently installed batteries and  rechargeable batteries from the device and dispose of them separately. This product is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). This product must not be disposed of in ordinary household waste. As a consumer, you are required to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal. The return service is free of charge. Observe the current regulations in place!



Disposal of the batteries: Batteries and rechargeable batteries must never be disposed of with household waste. They contain pollutants such as heavy metals, which can be harmful to the environment and human health if disposed of improperly, and valuable raw materials such as iron, zinc, manganese or nickel that can be recovered from waste. As a consumer, you are legally obliged to hand in used batteries and rechargeable batteries for environmentally friendly disposal at retailers or appropriate collection points in accordance with national or local regulations. The return service is free of charge. You can obtain addresses of suitable collection points from your city council or local authority.

The names for the heavy metals contained are: Cd = cadmium, Hg = mercury, Pb = lead. Reduce the generation of waste from batteries by using batteries with a longer lifespan or suitable rechargeable batteries. Avoid littering the environment and do not leave batteries or battery-containing electrical and electronic devices lying around carelessly. The separate collection and recycling of batteries and rechargeable batteries make an important

contribution to relieving the impact on the environment and avoiding health risks.

WARNING! Damage to the environment and health through incorrect disposal of the batteries!

Cleaning conditions


The sensor / Metal Ball is the most delicate part of the Moisture Meter. The sensor should be kept clean at all times, care should be taken when cleaning the sensor using only a soft cloth or cotton swab with water. Allowing the sensor to fully dry before using the Instrument. Do not submerge any part of the Instrument.

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Documents / Resources

	<p>DOSTMANN HumidCheck Non-Contact Moisture Measuring Instrument [pdf] Instruction Manual</p> <p>5020-0343, HumidCheck Non-Contact Moisture Measuring Instrument, HumidCheck Non-Contact, Moisture Measuring Instrument, Measuring Instrument, Instrument</p>
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References

- www.dostmann-electronic.de
- [User Manual](#)

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