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DRY



**ProfiScale DRY**  
**Moisture meter**

**en** Operating instructions

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## Introduction

This device is extremely versatile and can measure the moisture content of cut wood, plasterboard, paper or cardboard as well as of solid materials such as concrete and screed. This is shown directly on the display. The device can also measure the ambient temperature. The DRY PS 7400 moisture meter is extremely easy to operate.

## Illustration

- A Test prods
- B Digital display
- C ON/SET button

## Safety instructions

**Failure to observe the following instructions may result in personal injury:**

1. Before using the device, you must read these instructions carefully to ensure that you operate the device safely. Keep these instructions in a safe place.
2. Keep the device away from children and unauthorized persons.
3. For safety reasons and to maintain the warranty on the device, repairs to the measuring device must only be carried out by qualified personnel using genuine parts.
4. Never expose the device to an electric voltage, as this could damage the electronics.
5. Do not use the device in the vicinity of inflammable or explosive gases.
6. Do not use the device if it is defective.
7. Handle the device with care and do not drop it.
8. To avoid functional errors, do not dismantle the device.
9. Keep the device clean and dry.
10. When not in use, the device should be stored in the bag supplied.
11. Avoid contact with water and dust.
12. Do not use abrasive cleaners or solvents to clean the device. Use a damp cloth and mild detergent.
13. Check the battery/batteries regularly to prevent damage.
14. Remove the battery if you are not going to use the device for a long period.

## Warranty

Congratulations!

Thank you for choosing ProfiScale quality measuring technology by BURG-WÄCHTER. BURG-WÄCHTER offers a warranty of 2 years' duration from the date of purchase. The warranty does not cover damage caused by improper use, overloading the device or incorrect storage as well as normal wear and defects that only have an insignificant effect on the value or usability of the device.

The warranty shall be immediately invalidated if unauthorized persons work on the device. In the event that a warranty claim arises, please hand over the entire device incl. packaging, description and batteries along with the sales receipt to your dealer.

## Technical data

<b>Measurement range</b>	Wood: 6 – 42 % Solid materials: 0.2 – 2.0 %
<b>Resolution</b>	Wood: 1 % Solid materials: 0.1 %
<b>Accuracy</b>	Wood: <30 %: ± 2 % ≥30 %: ± 4 % Solid materials: <1.4 %: ± 0.1 % ≥1.4 %: ± 0.2 %
<b>Power supply</b>	4 × 1.5 V (e.g. LR44)
<b>Optimum ambient conditions</b>	0 °C – 40 °C, air humidity: < 85 %
<b>Storage temperature</b>	-10 °C – 50 °C, air humidity: < 85 %

## Operating the device

Press the ON/OFF button to switch on the device.

**Selecting the required mode:** after switching on the device, you must press the button for approx. 3 seconds to enter the selection mode (the symbol flashes in the display). Now press the button as many times as necessary until the required symbol appears in the display.

**Four modes can be selected:**

1. Wood moisture measuring mode
2. Mode for measuring solid materials such as screed
3. Ambient temperature measurement in °C
4. Ambient temperature measurement in °F

After selecting the required mode, wait for a further 3 seconds. The device now adjusts automatically and you can begin taking readings.

## Taking measurements

1. To measure moisture, you must first select the required mode. Then push the test prods into the object you wish to measure. The reading appears on the display. If the display shows "OL" (Out of limit) the moisture of the object is beyond the measurement range.
2. For ambient temperature measurements, you can read the temperature from the display immediately after you select the correct mode.

**Automatic switching off:**

The device switches off automatically after 15 seconds if no measurement is taken.



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## Disposing of the device

### Dear Customer,

Please help to reduce waste. Should you decide to dispose of the device, bear in mind that many of the components it contains are made from valuable material that can be recycled.

Please do not throw the device into the normal waste bin. Contact the responsible office in your area and ask about collection points for electrical waste.

