

FAI DETDAMP



Mini Moisture Meter

Wood, building materials, paper and card

Introduction

- This meter can be used to measure the moisture content in timber, paper and cardboard and hard materials such as mortar, concrete and plaster.
- The moisture content is displayed as a percentage reading.
- In addition, it can also measure ambient temperature.
- It is compact, portable and easy to use.

Specification

Display: LCD

Measurement Range: Wood: 6 ~ 42%
Material: 0.2 ~ 2.0%
Temperature: 0 ~ 40°C, or 32 ~ 99°F

Resolution: Wood: 1%
Material: 0.1%
Temperature: 1°C/2°F

Accuracy: Wood: reading < 30% : ±2%
reading ≥ 30% : ±4%
Material: reading < 1.4% : ±0.1%
reading ≥ 1.4% : ±0.2%

Temperature: not specified

Low Battery Indication: Symbol “” shown on display

Automatic Power-Off: 15 second delay

Battery: 1.5V, LR44 or equivalent, 4 pieces

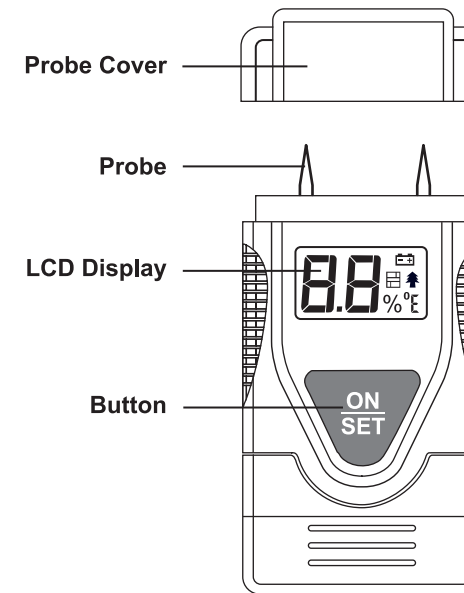
Operating Environment: Temperature: 0°C ~ 40°C
Relative humidity: <85%

Storage Environment: Temperature: -10°C ~ 50°C
Relative humidity: < 85%

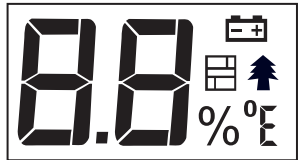
Size: 80 x 40 x 20mm

Weight: approx 50g (including batteries)

Identification



LCD Explanation



Symbol Meanings:

- Batteries are low and should be replaced.
- Wood moisture measurement mode is selected. In this mode, you can measure the moisture level of timber, paper or cardboard.
- Material moisture measurement mode is selected. In this mode, you can measure moisture level of hard material, mortar, concrete or plaster.
- OL** – Out of Limits or Overrange. Reading indicates that the moisture content is in excess of the meters output range.
- %** – Percent (moisture unit).
- °C** – Celsius degree.
- °F** – Fahrenheit degree.

Operating Instructions

1. Press the button once to turn on the meter.
2. **Selecting Desired Measurement Mode**
 - a. After the meter has been turned on, press and hold down the button for about 3 seconds to enter Setting Mode (reading disappears, symbol starts flashing on the display).
 - b. While symbol is flashing on the display, press the button until the meter is in the desired measurement mode and the corresponding symbol flashes on the display.
The four modes are as follows:
Wood moisture measurement mode (“” flashes)
Material moisture measurement mode (“” flashes)
Celsius temperature mode (“” flashes)
Fahrenheit temperature mode (“” flashes)
 - c. After the required measurement mode is selected, do not press the mode button for 3 seconds. The meter is now set in the selected mode. Now you can begin taking measurements.

3. Performing a Measurement

- a. For temperature measurements, the display shows the present ambient temperature.
- b. To perform moisture measurements, drive the probes into the material to be measured, and observe the reading on the display.

4. Automatic Power-Off Feature

- a. In wood moisture or material moisture measurement mode, the meter will turn off automatically after approximately 15 seconds.
- b. In Celsius or Fahrenheit temperature mode, the meter will turn off automatically after approximately 15 seconds.
- c. In any mode, after the symbol “” appears, the meter will turn off automatically about 15 seconds later. In this case you should replace the batteries immediately.

5. Backlight

After the meter is turned on, pressing the button turns on the backlight. Approximately 3 seconds later, the backlight will turn off automatically.

Note

1. Keep the meter dry.
2. Keep the probes clean.
3. Keep the meter and battery out of reach of children.
4. Some factors, such as material type and temperature can affect the meters reading. This meter is designed to provide a guide to the moisture content of a given material within permissible variations and is not a scientific instrument for precise measurements. Refer to the product specification sheet for information on the accuracy of readings.
5. When the symbol “” appears, the batteries are low and should be replaced.
Ensure that the battery polarity connections are correct when replacing batteries.
If you will not be using the meter for a long period, remove the batteries.
6. This product has sharp points, the probe cover should always be replaced when the meter is not in use.

Declaration

1. This manual is subject to change without notice.
2. Faithfull Tools take no responsibility for any personal injury, loss or damage caused by the inappropriate or misuse of this product.
3. The contents of this manual can not be used as the reason to use the meter for any other special application.

A ‘Detecting Damp’ guide is available to view or download on our website.

www.fairfulltools.com

DISPOSAL OF THIS PRODUCT

Dear Customer,
If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled. Please do not dispose of it in the rubbish bin, but check with your local council for recycling facilities in your area.

