

DRAPER

EN

Original Instructions
Version 4
October 2026

MOISTURE METER

43618



UK
CA
CE

Intended Use

This product is designed to measure the moisture level in wood and hardened materials such as mortar, concrete and plaster. It may also be used to measure the ambient temperature. Part of our core range, this product is suitable for regular use by enthusiasts and tradespersons alike.

Important: This product is intended as a guide only. For precise results, specially engineered equipment should be used.

Read this manual in full before attempting to use this product and retain it for later use. Always use the latest version of the manual.

Specification

Stock No.	43618
Part No.	MM100
Measurement range	
Wood	6–42%
Hardened materials	0.2–2%
Ambient temperature	0–40°C (32–140°F)
Accuracy	
Wood	±2% at <30% ±4% at ≥30%
Hardened materials	±0.1% at <1.4% ±0.2% at ≥1.4%
Power supply	1.5V (4 x LR44, fitted)
Dimensions	W 40 x H 80 x D 20mm

Button Battery Health & Safety



BATTERY WARNING! **KEEP OUT OF REACH OF CHILDREN.**

- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed in any part of the body, seek immediate medical attention.

Battery swallowed - No obvious symptoms

- Unfortunately, it is not obvious and there are no specific symptoms when a button or coin battery is stuck in a child's oesophagus (food pipe). The child might:
 - cough, gag or drool a lot;
 - appear to have a stomach upset or virus;
 - be sick;
 - point to their throat or stomach;
 - have a pain in their abdomen, chest or throat;
 - be tired or lethargic;
 - be quieter or more clingy than usual or 'not themselves';
 - loss of appetite or reduced appetite; and
 - not wanting to eat solid food/be unable to eat solid food.
- These sorts of symptoms will vary or fluctuate, as the pain increases or subsides.
- A specific symptom to button or coin battery ingestion is vomiting fresh bright red blood. If the child does this seek immediate medical help.
- The lack of clear symptoms is why it is important to be vigilant with 'flat' or spare button or coin batteries in the home and the product that contains them.

Health and Safety Instructions

- **DO NOT** use this product in wet atmospheric conditions.
- Check the device carefully before use.
 - **DO NOT** use this product if it is damaged in any way or there is evidence of battery leakage.
 - If battery acid comes into contact with your eyes or skin, flush with plenty of clean water and seek immediate medical attention.
- Use this product only for its intended purpose and do not modify it in any way.
- **DO NOT** immerse this device in water or allow the battery to come into contact with liquids.
- **DO NOT** abuse, mutilate or burn the battery.
- Keep this product out of reach of children.

Operating Instructions

Installing the Battery

This product is powered by 4 x LR44 batteries (supplied fitted - pull out the plastic isolation tab from under the battery contacts to activate). To install new batteries, remove the battery compartment cover from the back of the device using a small PH-type screwdriver and insert the batteries, observing the correct polarity.

Powering On and Mode Selection

To switch on the device, press and release the SET/ON button once. Pressing the button again illuminates the display backlight for three seconds.

To select a mode, hold the SET/ON button for three seconds until the mode symbol begins to flash. Press the button again to switch between modes:



Wood measurement mode.



Hardened materials measurement mode.

°C Temperature measurement mode (Celsius).

°F Temperature measurement mode (Fahrenheit).

The chosen mode will activate after three seconds of inactivity.

Taking a Measurement

In either temperature mode, the ambient temperature is read automatically and displayed with the chosen units.

For wood or hardened materials measurements, press both probes against the target material and apply pressure. The moisture percentage is displayed after approximately one second.

Important: The material type or the temperature of the surface may affect the reading. Moisture levels may change over time.

Other Display Symbols

The following symbols or readings may also appear on the display:



Low battery; replace the batteries before next use.



Out of operating range.

Powering Off

The device switches off automatically under the following conditions:

- **Wood and materials modes:**
Inactivity or no change in reading for 15 seconds.
- **Temperature modes:**
15 seconds after mode selection.
- **Any mode:**
15 seconds after the low battery icon appears.

Maintenance and Disposal

- Clean this device using a dry cloth **ONLY**.
- Keep the sensors clean at all times.
- Store the product in a clean and dry location, out of reach of children.
- Replace the probe cover after use and remove the batteries before storing the product for extended periods.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

DO NOT dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



Dispose of batteries separately and responsibly; **DO NOT** burn or mutilate batteries as this may release toxic or corrosive substances.



Explanation of Symbols



Read the instruction manual



Warning!



Do not incinerate or throw onto fire



LCD display



Supplied fitted
4 x LR44 batteries



UK Conformity Assessed



European conformity



WEEE – Waste Electrical & Electronic Equipment