



MOISTURE METER

43618 - MM100 INSTRUCTIONS FOR USE

1. Scope

This product is designed to measure the moisture level in sawn timber, paper, cardboard 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.

2. 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, supplied)	
Gross weight:	0.05kg	
Dimensions:	W 40 x H 80 x D 20mm	

3. Warranty

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty covers parts and labour for 12 months from the date of purchase. However, if the tools are hired out, the warranty period is 90 days from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

For full details, visit drapertools.com/warranty

4. 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.

5. Operating Instructions





5.1 Installing the Battery

This product is powered by 4 x LR44 batteries (supplied). To install the 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.

5.2 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.

5.3 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.

5.4 Other Display Symbols

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

-  Low battery; replace the batteries before next use
-  OL Out of operating range

5.5 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

6. 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.

For repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

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.



7. Explanation of Symbols



Read the instruction manual



Warning!



Do not incinerate or throw onto fire



LCD display



Requires 4 x LR44 batteries



UK Conformity Assessed



European conformity



WEEE – Waste Electrical & Electronic Equipment

Do not dispose of this product with domestic waste