



MOISTURE METERS FOR MEASURING DAMP

Moisture meters, otherwise known as damp testers, are important tools for professionals responsible for construction, building maintenance and surveying.

Common applications include assessing whether materials are fit for use and whether a building has been damaged by the presence of moisture. In addition, they can help with monitoring processes such as restoration.

The presence of moisture can be difficult to detect without a damp tester, as there can be no visible signs, and some damp materials can even feel dry to the touch. However, an invisible damp problem can lead to serious and costly issues later on, such as mould growth and rot.

Common reasons for moisture in building materials include:

- Leaks in the building envelope
- Releases from plumbing or HVAC systems
- Humid air condensing on surfaces
- Extensive periods of humid weather
- A lack of ventilation

PIN-TYPE MOISTURE METERS

Moisture meters tend to come in two main types: pin-type and pinless. Pin-type meters create holes in materials, so they might not be the best choice

for applications like fine furniture. However, they are generally a more accurate method of testing than pinless meters.

Our range of cost-effective pin-type moisture meters is designed for the accurate monitoring of a wide range of materials.

When the pins are inserted into a damp material, they produce an electrical current which determines the quantity of moisture present. This is displayed on the meter as a percentage.

The colour-coded damp indicator also shows whether the material has a good, cautionary or high level of moisture.

Our moisture meters read in five scales:

Wood 1	6.0 to 40.0 %
Wood 2	8.0 to 40.0 %
Plaster	0.1 to 15.0 %
Concrete	0.5 to 12.0 %
Linear or Reference	0 to 1000

When measuring materials for damp, be sure to consider other factors that could impact the reading - such as the material's density and ability to absorb moisture, and the conditions of the surrounding environment.

7250 MOISTURE METER

- 20-LED bar graph displays moisture levels for quick diagnosis
- Specifically designed for the building professional
- 5 scales - concrete, plaster, reference & 2 timber
- Compact & robust design

The 7250 is a compact, general purpose moisture meter designed specifically for building professionals and tradesmen to check the moisture content in a variety of construction materials. The moisture meter features a 20-LED bar graph within the keypad which displays current moisture levels; green for OK, amber for WARNING or red for DAMP. The digital meter incorporates five scales of measurement.

Scale 1 - Wood 1 (W1)	6.0 to 40.0 %
Scale 2 - Wood 2 (W2)	8.0 to 40.0 %
Scale 3 - Plaster (P1)	0.1 to 15.0 %
Scale 4 - Concrete (C1)	0.5 to 12.0 %
Scale 5 - Linear or Reference (Lin)	0 to 1000

The unit is housed in a robust ABS case and is powered by three AAA batteries that give a minimum of 350 hours of battery life. The instrument will power off automatically after ten minutes, maximising battery life. This feature can be disabled by the user, if required.

Each meter incorporates two Ø1.2 x 7 mm pointed, replaceable pins and is supplied in a zip wallet complete with 50 spare pins (602-530). The 7250 moisture meter is an essential tool for flooring surveyors and building and construction engineers.

LED MOISTURE INDICATION BAR GRAPH:



- **Protective silicone boot**
Fitting a boot will make your instrument splashproof to IP64 and help prevent against accidental damage. Various colours are available - see page 14.



Order code	Description
224-075	7250 moisture meter
830-222	Protective silicone boot - yellow
832-222	s/steel wall bracket & boot
890-270	3-point traceable calibration cert
602-530	Spare pins - pack of 50



MOISTURE



Specification	7250 moisture meter
Range	Scale 1 6.0 to 40.0 % Scale 2 8.0 to 40.0 % Scale 3 0.1 to 15.0 % Scale 4 0.5 to 12.0 % Scale 5 0 to 1000
Resolution	0.1 % or 1 (Linear Scale)
Accuracy	±1 % moisture content
Battery & life	3 x 1.5 volt AAA - 350 hours
Display	12 mm LCD
Dimensions	25 x 56 x 128 mm
Weight	130 grams

7000 MOISTURE METER

- 20-LED bar graph indicates OK, WARNING or DAMP levels
- Specifically designed for the building professional
- 5 scales - concrete, plaster, reference & 2 timber
- Interchangeable 2-pin probes

The 7000 is a compact, general purpose moisture meter designed specifically for building professionals and tradesmen to check the moisture content in a variety of construction materials for moisture content diagnosis.

The instrument features a 20-LED bar graph within the keypad which displays current moisture levels; green for OK, amber for WARNING or red for DAMP. The instrument incorporates a large, easy-to-read, LCD display with low battery indication. The 7000 digital meter incorporates five scales of measurement.

Scale 1 - Wood 1 (W1)	6.0 to 40.0 %
Scale 2 - Wood 2 (W2)	8.0 to 40.0 %
Scale 3 - Plaster (P1)	0.1 to 15.0 %
Scale 4 - Concrete (C1)	0.5 to 12.0 %
Scale 5 - Linear or Reference (Lin)	0 to 1000

Each unit is housed in a robust ABS case and is powered by three AAA batteries that give a minimum of 350 hours of battery life. The instrument will power-off automatically after ten minutes, maximising battery life. This feature can be disabled by the user, if required.

Each moisture meter comes complete with a general purpose two-pin probe, having a one metre PVC lead and BNC connector, all supplied in a handy-sized protective zip wallet and 50 spare pins (602-530). For alternative moisture probes available, see opposite page.



LED MOISTURE INDICATION BAR GRAPH:



- **Protective silicone boot**
Fitting a boot will make your instrument splashproof to IP64 and help prevent against accidental damage. Various colours are available - see page 14.



Order code	Description
224-070	7000 moisture meter
830-222	Protective silicone boot - yellow
890-270	3-point traceable calibration cert
602-530	Spare pins - pack of 50
The 7000 moisture meter is inclusive of probe	

Specification	7000 moisture meter
Range	Scale 1 6.0 to 40.0 % Scale 2 8.0 to 40.0 % Scale 3 0.1 to 15.0 % Scale 4 0.5 to 12.0 % Scale 5 0 to 1000
Resolution	0.1 % or 1 (Linear Scale)
Accuracy	±1 % moisture content
Battery & life	3 x 1.5 volt AAA - 350 hours
Display	12 mm LCD
Dimensions	25 x 56 x 128 mm
Weight	130 grams

MOISTURE METER KIT

- Heavy-duty, designed for the construction industry
- Excellent value-for-money

This moisture meter kit is a complete solution for measuring the moisture and dampness in a variety of building materials. This kit is supplied in a robust ABS carrying case and includes a two-pin probe, two packs of pins and a protective silicone boot.

Each kit contains:

- 7000 moisture meter (224-070)
- General purpose two-pin probe (180-160)
- Heavy-duty hammer probe (180-170)
- General purpose pins - pack of 50 (602-530)
- Hammer probe pins - pack of 10 (602-537)
- Protective silicone boot - yellow (830-222)
- ABS carrying case (834-715)



Heavy-duty hammer probe (180-170)









General purpose two-pin probe (180-160)



Order code	Description
224-079	Moisture meter kit

7000 MOISTURE METER PROBES

		Order code
GENERAL PURPOSE PROBE  26 x 33 x 60 mm overall	This standard, general purpose, two-pin (12.7 mm spacing) moisture meter probe is ideal for measuring moisture in a variety of building materials. Supplied with a one metre PVC lead and BNC connector.	180-160
 Ø1.2 x 7 mm (fitted)	Spare general purpose probe pins - pack of 50	602-530
HEAVY-DUTY HAMMER PROBE  Ø40 x 290 mm overall	This probe is designed for measuring moisture in wood and similar materials. The pin's insulated shanks ensure measurements are taken at the pin tip, allowing varying of depth measurements. Supplied with a one metre PVC lead and BNC connector.	180-170
 Ø2.4 x 30 mm (fitted)	Spare hammer probe pins - pack of 10	602-537
DEEP WALL PROBE  Ø3 x 150 mm overall	This insulated deep wall probe measures moisture deep within walls, regardless of surface dampness. The insulated shanks should be inserted into pre-drilled holes. Each pair of probe assemblies is supplied with a one metre PVC lead and BNC connector.	180-180
 Ø3 x 130 mm	Spare insulated shanks - pack of 2	602-539