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.

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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:

Damp Warning Ok Protective silicone cover Fitting a cover will make your instrument splashproof to IP64 and help prevent against accidental damage. Various colours are available - see page 14. 224-075 7250 moisture meter 100.00 830-222 Protective silicone cover - yellow 8.00 s/steel wall bracket & cover 17.00 832-222 3-point traceable calibration cert 50.00 890-270 602-530 Spare pins - pack of 50 6.00



AUTO

HOLD





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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.







Order code	Description	£ each	
224-070	7000 moisture meter	110.00	
830-222	Protective silicone cover - yellow	8.00	
890-270	3-point traceable calibration cert	50.00	
602-530	Spare pins - pack of 50	6.00	
The 7000 moisture meter is inclusive of probe			

01903 202151 | sales@etiltd.com

LED MOISTURE INDICATION BAR GRAPH:

Damp		Warning	Ok
		Protective silicone cover Fitting a cover will make your instrument splashproof to IP64 and help prevent against accidental damage. Various colours are available - see page 14.	
		HOLD AUTO OFF	
Specifi	cation	7000 moisture meter	
		7000 moisture meter 6.0 to 40.0 %	
	Scale 1		
	Scale 1 Scale 2	6.0 to 40.0 %	
	Scale 1 Scale 2 Scale 3	6.0 to 40.0 % 8.0 to 40.0 %	
	Scale 1 Scale 2 Scale 3	6.0 to 40.0 % 8.0 to 40.0 % 0.1 to 15.0 % 0.5 to 12.0 %	
	Scale 1 Scale 2 Scale 3 Scale 4 Scale 5	6.0 to 40.0 % 8.0 to 40.0 % 0.1 to 15.0 % 0.5 to 12.0 %	
Range	Scale 1 Scale 2 Scale 3 Scale 4 Scale 5	6.0 to 40.0 % 8.0 to 40.0 % 0.1 to 15.0 % 0.5 to 12.0 % 0 to 1000	
Range Resolut Accura	Scale 1 Scale 2 Scale 3 Scale 4 Scale 5	6.0 to 40.0 % 8.0 to 40.0 % 0.1 to 15.0 % 0.5 to 12.0 % 0 to 1000 0.1 % or 1 (Linear Scale)	
Range Resolut Accura	Scale 1 Scale 2 Scale 3 Scale 4 Scale 5 tion cy & life	6.0 to 40.0 % 8.0 to 40.0 % 0.1 to 15.0 % 0.5 to 12.0 % 0 to 1000 0.1 % or 1 (Linear Scale) ±1 % moisture content	
Range Resolut Accura Battery	Scale 1 Scale 2 Scale 3 Scale 4 Scale 5 tion cy & life	6.0 to 40.0 % 8.0 to 40.0 % 0.1 to 15.0 % 0.5 to 12.0 % 0 to 1000 0.1 % or 1 (Linear Scale) ±1 % moisture content 3 x 1.5 volt AAA - 350 hours	

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MOISTURE METER KIT

- Heavy-duty, designed for the construction industry
- For consistently accurate readings

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 cover.

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 cover yellow (830-222)
- ABS carrying case (834-715)



Heavy-duty hammer probe (180-170)





General purpose two-pin probe (180-160)

224-079

RF

7000 MOISTURE METER PROBES

		Order code	£ each
GENERAL PURPOSE PROBE	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	35.00
Ø1.2 x 7 mm (fitted)	Spare general purpose probe pins - pack of 50	602-530	6.00
HEAVY-DUTY HAMMER PROBE	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	200.00
Ø2.4 x 30 mm (fitted)	Spare hammer probe pins - pack of 10	602-537	70.00
DEEP WALL PROBE	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	58.00
Ø3 x 130 mm	Spare insulated shanks - pack of 2	602-539	16.00