

Elcometer 118/2 Surface Moisture Meter



Elcometer 118/2 Surface Moisture meter

The Elcometer 118/2 Surface Moisture Meter is a hand-held instrument which instantly and accurately measures moisture content in wood, wood by-products and building materials such as roofing, insulation, plaster and brick.

- **Immediate readings:**
Accurate results shown in seconds.
- **Built-in electrodes:**
Allows the gauge to be used straight away, saving time.
- **Specialist item:**
The only Elcometer instrument available to measure the moisture content of wood.
- **Ergonomic case:**
Heavy-duty yet light-weight aluminium design can easily be carried on site and used in extreme or harsh environments.

At a glance:

Instantly measures surface moisture content in wood and various building materials

Hand-held gauge with built-in electrodes

Moisture

One of the most regular causes of a coating's failure is moisture. It is not sufficient to simply ensure that the surface is dry as often the surface of the substrate is the driest point – due to evaporation.

Many substrates in industry today that are coated are porous and can absorb moisture. It is necessary to measure the moisture content within the substrate to reduce the possibility of subsequent coating failure.

When powder coating substrates have a high moisture content, - such as wood or MDF, steam will generate during the curing process damaging the new coating. Other substrates, which may have a high moisture content, include concrete, fibreboard, plasterboard, gypsum and brick.

Range	Up to 42% wood moisture content ¹
Accuracy	±1.5%
Size	190mm x 75mm x 30mm (7.4" x 3" x 1")
Weight	250g (8.8oz)
Battery Type	8 V, alkaline PP3
Battery Life	72 hours continuous use
Packing List	Elcometer 118/2 Moisture Meter, Battery, Fabric Carry Case, Test Certificate, and Operating Instructions
Part Number	G118----2

¹ Readings above 27% (normal value of the fibre saturation point) are indicative only

Accessories

Part Number	Description
T11820064	Probe pins, pack of 10
T11820063	Calibration plugs, set of 3

Related products



Elcometer 7400

The hand closes naturally around the ergonomic form of the housing so that the pins on the end of the instrument can be pressed into the material to be measured. The thin pins make it easy to measure the moisture content of sawn timber, chipboard and fibreboard materials up to a maximum thickness of 25mm as well as normal gypsum or mixed plaster.



Elcometer 7400 Compact A

The measuring principle of the COMPACT "A" is based on the dielectric constant or high frequency method. The meter is simply placed on the material to be tested, the moisture content can be read off immediately. No need to drive pins into the wood.



Elcometer 7400 Compact B

Electronic structural moisture indicator using a patented technique based on the dielectric constant/ high frequency method. The indicator is equipped with a digital LCD readout and a universally applicable ball sensor for non-destructive location of moisture concentration in all kinds of building materials as well as for assessment of moisture distribution in walls, floors and ceilings.



Elcometer 7420

This handy and easy to use instrument does not use pins and does not damage the substrate under test. The gauge is placed onto the material to be evaluated and quickly indicates the degree of moisture in concrete, fibreglass or wood down to a depth of 3cm (1.2").

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