

# Elcometer 118/2 Surface Moisture Meter



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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.

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

<sup>1</sup> 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

