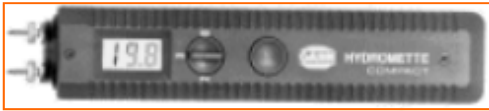


# Elcometer 7400 Compact Moisture Meter



Elcometer 7400 Compact Moisture Meter

**At a glance**

- Compact, easy to use gauge.
- Can be used to measure moisture content of sawn timber, chipboard & fibreboard.
- Measure moisture content in substrates up to 25mm thick.

**Elcometer 7400 Compact Moisture Meter**

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 25 mm as well as normal gypsum or mixed plaster.

- Handy, quick pocket-sized moisture meter for speedy single or series measurements.
- Two-group wood species correction.
- Measurement of plaster moisture content with a direct readout in percentage of dry weight.
- Completely automatic instrument setting.
- No separate electrodes or leads required.

**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 which 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>Measuring Range</b>	5 to 20% moisture content for wood with two-group species correction
<b>Dimensions</b>	200mm x 35mm x 35mm (7.87" x 1.38" x 1.38")
<b>Weight</b>	130g (4.6oz)
<b>Power supply</b>	9 V dry cell or rechargeable battery
<b>Part Number</b>	K0007400M018

## Related products



Elcometer 7400  
Compact A



Elcometer 7400  
Compact B



Elcometer 118

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.

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.

The Elcometer 118 surface moisture meter is a general purpose gauge which indicates the percentage moisture content of a material. The scale incorporates red and green colour coding, indicating high and low levels of moisture respectively. The analogue meter includes five scales: Wood 1, Wood 2, Plaster, Concrete and a linear reference scale for comparison only.

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