

Elcometer 7400 Compact “A” Moisture Meter



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At a glance

- Pinless gauge - substrate remains intact.
- Small, portable, lightweight instrument.
- Digital display

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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.

- Handy, pinless wood moisture meter for fast measurements.
- No separate measuring electrodes or cables required.
- Fully automatic adjustment of the indicator.
- Setting device for automatic correction of the readings depending on the species of wood.

Setting range: Positions 1 to 10.

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.

Measuring Range	5 to 45% moisture content, with digital LCD readout and wood species selector switch. Suitable for timber up to 40 mm thick.
Dimensions	170 x 35 x 35mm (6.7 x 1.38 x 1.38")
Weight	180g (6.35oz)
Power supply	9 V dry cell or rechargeable battery
Part Number	K0007400M021

Related products



Elcometer 7400
Compact



Elcometer 7400
Compact B

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.

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.

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