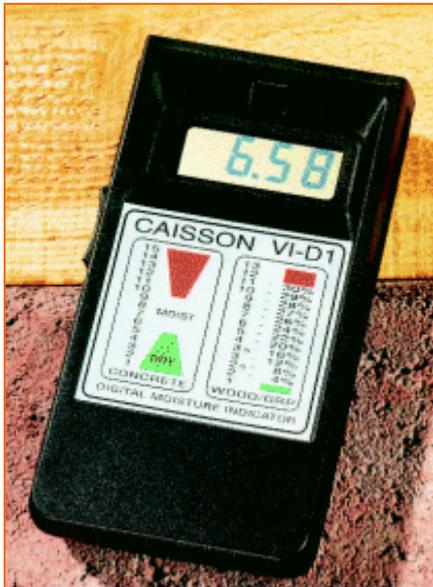


Elcometer 7420 Digital Moisture Meter



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A handy and easy to use instrument. The Elcometer 7420 does not use pins and does not damage the substrate under test.

The gauge is simply 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")

- High frequency method used.
- Digital display with moisture/dry comparison scale.
- No damage to the surface

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.

At a glance

- Digital Gauge.
- No pins - substrate remains intact.
- Can be used to evaluate the degree of moisture in concrete, fibreglass and wood to a depth of 3cm (1.2")

Model Number	Description	Part Number
Elcometer 7420	Elcometer 7420 Digital Moisture Meter	K0007420M001

Related products



Elcometer 7400
Compact



Elcometer 7400
Compact A



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.

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.

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