

# Elcometer 7410 Concrete Moisture Meter



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**At a glance**

- Easy to read analogue dial.
- Can be used to measure moisture content of concrete and gypsum floor screeds.
- Measure moisture content in concrete to a depth of 125mm.

**Elcometer 7410 Concrete Moisture Meter**

The Elcometer 7410 is an accurate and easy to use non-invasive instrument for non-destructive measurement of the moisture content of concrete. The gauge is very easy to use; switch the gauge on, press it against the surface and take a reading from the dial.

The dial is graduated from 0% to 6% for concrete moisture readings. The bottom scales are used to obtain comparative or qualitative moisture readings for gypsum and other floor screeds.

The electrodes transmit parallel low frequency signals calibrated to give average moisture content by comparing the change in impedance between damp and acceptably dry concrete. Measuring down to a depth of 125mm / 5 inches, the Elcometer 7410 will enable you to see if it is safe to apply a coating or floor covering

- Ready calibrated for use on concrete.
- Instant readings on a clear, easy to read scale.
- Non-destructive operation.
- Reproducible, accurate results
- Fully portable—battery operated and pocket sized.
- Strong and robust electrodes

**Moisture**

Excessive moisture in or permeating from concrete after application of a coating or covering with sheet material can cause failures such as condensation, blistering, delamination, movement and general deterioration.

Prior to applying a coating or sheet material, the concrete surface should be checked regularly to monitor the moisture content of the concrete.

The Elcometer 7410 Concrete Moisture Meter is specifically calibrated for use on concrete. There are no complicated conversions, or confusion over which scale to read. This makes taking readings very quick and accurate.

<b>Measuring Range</b>	0 to 6% moisture content for concrete to a depth of 125mm / 5"
<b>Dimensions</b>	150 x 85 x 38mm (6" x 3" x 1.5")
<b>Weight</b>	298g (10.5oz)
<b>Power Supply</b>	9V PP3 Battery
<b>Part Number</b>	K0007410M001
<b>Accessories</b>	Calibration Check Plate KT007410M001
<b>Packing List</b>	Elcometer 7410 Concrete Moisture Meter, Battery, Soft storage case, Calibration certificate & Operating instructions

## Related Products



Elcometer 118

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.



Elcometer 7400  
Compact

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.