

## Elcometer 7410 Concrete Moisture Meter



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The Elcometer 7410 is an accurate and easy to use non-invasive instrument for non-destructive measurement of moisture content of concrete.

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.

- Calibrated ready for use on concrete
- Instant readings on a clear, easy to read scale
- Fully portable, battery operated and non-destructive

### Climatic Testing

The monitoring of climatic conditions such as temperature, relative humidity, dewpoint and moisture in industry is often vital to the success of the application of the coating. These parameters determine both the conditions for application of a coating, and the resulting quality and performance of the coated product.

The presence of moisture within a material will result in poor adhesion, premature coating failure and poor appearance. For example, applying a powder coating to a damp wooden panel will cause steam to be created when the panel passes through the curing oven, thus causing damage to the coating.

TECHNICAL SPECIFICATION	
Part Number	Description
K0007410M001	Elcometer 7410 Concrete Moisture Meter
Measuring Range	Concrete 0 - 6%, Floor screed 0-10%
Substrate Type	Concrete, gypsum floor screed
Measurement Depth	12.5mm (0.5")
Dimensions	155 x 85 x 43mm (6.1 x 3.3 x 1.7")
Weight	298g (10.5oz)
Power Supply	9V PP3 battery (6F22 (PP3) type)
Packing List	Elcometer 7410 Concrete Moisture Meter, battery, carry case, calibration certificate and operating instructions

## Related Products



Elcometer 118/2

### Elcometer 118/2 Surface Moisture Meter

The Elcometer 118/2 Surface Moisture Meter is a hand held instrument which instantly and accurately measures moisture content in wood by-products, wood and building materials such as roofing, insulation, plaster and brick.



Elcometer 7400

### Elcometer 7400 Compact Moisture Meter

The natural feel of the Elcometer 7400 makes it easy to use, allowing the pins on the end of the instrument to be pressed into the material to be measured.



Elcometer 7400 Compact "A"

### Elcometer 7400 Compact "A" Moisture Meter

The measuring principle of the Compact "A" is based on the dielectric constant, or high frequency, method. The meter is placed on the material to be tested and the moisture content can be read immediately. No need to drive pins into the wood.



Elcometer 7400 Compact "B"

### Elcometer 7400 Compact "B" Moisture Meter

Elcometer 7400 Compact "B" is an electronic moisture indicator using a patented technique based on the dielectric constant/high frequency method. It has a LCD display with universally applicable ball sensor for non-destructive location of moisture in all kinds of building materials and is also suitable for assessment of moisture distribution in walls, floors and ceilings.

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