



TQC Sheen Concrete Moisture Meter

LI9200

TQC Sheen Concrete Moisture Meter is a non-destructive moisture meter for concrete and gypsum. By means of measuring the electrical impedance, the moisture content of concrete can easily be determined by just pressing the instrument against the concrete surface.

The electrical impedance is measured using a low frequency electric field between 8 electrodes on the bottom of the instrument. Depending on the moisture content the measurements are made to a depth of several centimeters.

The Concrete Moisture Meters are ideal to quickly test large concrete floors or constructions that have to be painted or where (wooden) floorings are being installed.

Firmware version 03.00 offers eight scales and allows flexible use of the instrument as an accurate measuring device or just as a detector to find moisture traces or leakage.

Features:

- Easy-to-use
- Ideal for a quick test
- Non-destructive
- Normal and max. hold-mode
- 8 available scales
- Auto turn-off

1. Concrete 0–6 % (H₂O)

Concrete scale may be used only for concrete surfaces. It shows the relation between weight of pure water contained in the tested material with its dry weight. The scale range varies between 0 and 6% as 6% is about the maximum physically possible content of water in the concrete. The obtained results should not be confused with moisture emission or any other moisture measurement methods.

2. Cement screed 0–6 % (H₂O)

This scale is used to measure the moisture content of cement screed. The content of water is expressed as a percentage of weight.

3. Cement Screed 0–4 % (Carbide Method)

This scale is used to measure the moisture content of cement screed. The displayed value is an approximate value that can be also determined using the Carbide Method (CM).

4. Anhydrite Screed 0–3.5 % (H₂O)

This scale is meant for moisture measurements in anhydrite screed. The content of water is expressed as a percentage of weight.

5. Anhydrite Screed 0–1.9 % (Carbide Method)

This scale is meant for moisture measurements in anhydrite screed. The displayed value is an approximate value that can be also determined using the Carbide Method (CM).

6. Caisson 0.3–15.3 m scale

Caisson scale works in a similar way as the Relative scale below and can be used alongside meters with the same scale.

7. Relative/DIGITS Scale 0–100 %

Relative scale may be used in moisture level comparison of various materials. Obtained results should not be interpreted as percentage content of water in tested surfaces. There is no linear correlation between the outcomes and relative moisture. The scale should be used only as comparison technique and may be used on the surfaces where direct contact with pure concrete is impossible because of some layer/covering.

8. Gypsum 0–10 %

This scale is meant for moisture measurements in gypsum.

Ideal for:

- Coating industry, painters

Scope of Supply:

- Concrete Moisture Meter
- Carrying case
- Manual



Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Ordering Information:

Catalog Number Article Description

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Technical Specification:

Dimensions:	147 x 89 x 33 mm
Power supply:	2 x AA battery
Average working time on one battery set:	20 hours
Display:	Monochrome LCD with backlight
Operating temperature range:	5 °C to 40 °C
Accuracy:	±0.5 % to ±2 % depending on the scale



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