

Moisture Analyzer for Building Materials PCE-PMI 3



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Moisturemeter with different menu languages / Digitally rotatable display / Automatic shutdown for battery saving / For concrete and wood

The moisture meter is a small and reliable measuring instrument for the determination of existing moisture in, for example, concrete and wood. Corresponding scales for measuring moisture are already stored in the library of the moisture meter. After selecting the scale, the required measurement can be carried out with the moisture meter. The measurement result is displayed on the moisture meter both numerically and graphically after a few seconds.

For each scale in the moisture meter, a separate alarm limit can be stored. As soon as the set alarm limit is exceeded, the moisture meter will sound an audible alarm. In order to save the inserted batteries with the moisture meter, the meter shuts itself off after 5 minutes if not used.

Another special feature of the moisture meter is the possibility of displaying the calcium carbide method (CM%) for screed. Also in this measurement, the moisture meter is placed on the surface to be tested. Based on the corresponding scale, the measured value is converted into a CM% value (calcium carbide method). This gives the operator a guideline value via the calcium carbide method.

- ▶ For measurements on wood and concrete
- ▶ Ergonomic shape with anti-slip rubber
- ▶ Individually adjustable alarm limits
- ▶ Numeric and graphical view
- ▶ Easy three-button operation
- ▶ Automatic shutdown

Specifications

Measuring function	Measuring range
Relative scale	0.0 ... 99.9%
anhydrite (Weight percent)	0.0 ... 3.5%
anhydrite (Calcium carbide method)*	0.0 ... 1.5%
cement screed (Weight percent)	0.0 ... 4.7%
cement screed (Calcium carbide method)*	0.0 ... 3.0%
Concrete (weight percent)	0.0 ... 6.0%
gypsum plaster (Weight percent)	0.0 ... 10.0%
hardwood (Weight percent)	0.0 ... 37.0%
softwood (Weight percent)	0.0 ... 51.0%

*The calcium carbide method is approximate.

Further specification

Accuracy	± 0.5%
Resolution	0.1%
Power supply	2 x 1.5V AA batteries
Uptime	About 20 hours
Automatic shutdown	After 5 minutes of inactivity
Menu languages	English, German, Dutch, Spanish, French
Display	Graphically monochrome, 128 x 64 pixels, 61 x 33 mm, backlight
Operating conditions	5 ... 40°C / 41 ... 104°F
Dimensions	147 x 89 x 33 mm / 5.8 x 3.5 x 1.3 in
Weight	200 g / < 1 lb (with batteries)

Subject to change