CONCRETE MOISTURE METER

PCE-PMI 3



- **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**

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.

Specification

Humidity	
Material	Anhydrite screed (% by weight)
Measuring range	0 ... 3,5 %
Resolution	0,1 %
Accuracy	±0.5%
Humidity	
Material	Anhydrite screed (CM%)
Measuring range	0 ... 1,5 %
Resolution	0,1 %
Accuracy	±0.5%
Humidity	
Material	Cement screed (% by weight)
Measuring range	0 ... 4,7 %
Resolution	1,5 %
Accuracy	±0.5%
Humidity	
Material	Zementestrich (CM%)
Measuring range	0 ... 3 %
Resolution	0,1 %
Accuracy	±0.5%
Humidity	
Material	Concrete (weight %)
Measuring range	0 ... 6 %
Resolution	0,1 %
Accuracy	±0.5%
Humidity	
Material	Gypsum plaster (wt.%)
Measuring range	0 ... 10 %
Resolution	0,1 %
Accuracy	±0.5%
Humidity	
Material	Hardwood (weight %)
Measuring range	0 ... 37 %
Resolution	0,1 %
Accuracy	±0.5%
Humidity	
Material	Softwood (% by weight)
Measuring range	0 ... 51 %

General technical data	
Display Typ	LCD with illumination
Display size	2,73 Inch
Operating time	20 h
Automatic power-off	5 min.
Menu language	English (US), German, Dutch, Spanish, French
Protection class (device)	IP20
Battery/battery	2 x 1,5 V AA Battery (1,5V) , Alkali-Manganese
Battery capacity	3000 mAh
Operating conditions	5 ... 40 °C , 10 ... 90 %RH
Storage conditions	5 ... 40 °C , 10 ... 90 %RH
Dimensions (L x W x H)	147 x 89 x 33 mm
Weight	150 g

Resolution	0,1 %
Accuracy	±0.5%
Relative humidity	
Measuring range	0 ... 99,9 %
Resolution	0,1 %
Accuracy	±0.5 %