MOISTURE METER

PCE-PMM 10

» **induction sensor for 10 material types**

» **limit value settings**

» **HOLD function**

» **automatic power off**

» **battery warning**

The moisture meter provides accurate moisture analyses for ten different material types, including drywall, masonry, hardwood, softwood, anhydrite screed (wt%), anhydrite screed (CM%), cement screed (wt%), cement screed (CM%), concrete and gypsum screed. It uses a capacitive measuring method and the sensor works inductively.

The moisture meter has two limit value settings which are shown on a bar graph and are designed for the 10 material types that our moisture meter can analyse. The first alarm point activates a rapid beep and the yellow LED when the moisture is between 20% and 69%. The second alarm point, which responds at values between 70% and 100%, generates a continuous tone and lights up the red LED. These functions ensure reliable moisture monitoring and provide clear audible and visual warning signals.

The moisture meter also has a hold function and an automatic power off function. The readings are shown on a 2-inch backlit LC display which also displays a battery warning.

The moisture meter is ideal for use in construction and renovation projects to check moisture levels in walls, floors and ceilings. It is often used by site managers, tradesmen and surveyors to ensure that materials are dry and ready for processing. It is also useful in woodworking, quality control of construction sites and in the refurbishment of damp rooms to prevent mould growth and other damage.

Specification

Humidity	
Material	Dry construction
Measurement range up to	0 ... 100 %
Resolution	0,1 %
Accuracy	±4 % of Rd

Humidity	
Material	Masonry
Measurement range up to	0 ... 89,5 %
Resolution	0,1 %
Accuracy	±4 % of Rd

Humidity	
Material	Hardwood
Measurement range up to	0 ... 35 %
Resolution	0,1 %
Accuracy	±4 % of Rd

Humidity	
Material	Softwood
Measurement range up to	0 ... 55 %
Resolution	0,1 %
Accuracy	±4 % of Rd

Humidity	
Material	Anhydrite screed (% by weight)
Measurement range up to	0 ... 3,5 %
Resolution	0,1 %
Accuracy	±0.4 % of Rd

Humidity	
Material	Anhydrite screed (CM%)
Measurement range up to	0 ... 1,5 %
Resolution	0,1 %
Accuracy	±0.2 % of Rd

Humidity	
Material	Cement screed (% by weight)
Measurement range up to	0 ... 4,7 %
Resolution	0,1 %
Accuracy	±0.5% of Rd

Humidity	
Material	Cement screed (CM%)
Measurement range up to	0 ... 3 %

General technical data	
Measuring functions	HOLD, ALARM
Display type	LCD with backlight
Display size	2 Inch
Sensor	inductive
Automatic power-off	10 min
Alarm	optical, Acoustic
Alarm modes	lower limit, upper limit
Measuring principle	Capacitive measuring method
Alarm settings	20 ... 100 %
Menu language	English, English (GB)
Protection class (device)	IP20
(Rechargeable) battery	1 x 9 V 9V block , Zinc carbon
Capacity	550 mAh
Operating conditions	0 ... 40 °C , 0 ... 80 % RH
Storage conditions	-10 ... 40 °C , 0 ... 70 % RH
Dimensions (L x W x H)	155 x 70 x 35 mm
Weight	144 g

Resolution	0,1 %
Accuracy	±0.4 % of Rd
Humidity	
Material	Concrete
Measurement range up to	0 ... 6 %
Resolution	0,1 %
Accuracy	±0.7 % of Rd
Humidity	
Material	Gypsum screed
Measurement range up to	0 ... 10 %
Resolution	0,1 %
Accuracy	±1.1% f.s.