MOISTURE METER
PCE-PMI 13

» **Non-destructive moisture measurement in building materials**

» **Measurement of temperature, humidity, dew point**

» **Internal memory for up to 10 million readings - 2.8" TFT color display for clear readability**

» **USB-C interface for data transfer**

» **Data logger and statistics function**

» **Multilingual menu navigation**

» **Hold and min/max mode**

The moisture meter is a versatile measuring instrument for non-destructive moisture detection in various building materials and types of wood. The moisture meter can be used to precisely determine moisture values in screed, concrete, plaster, hardwood and softwood. In addition, the moisture meter measures the ambient temperature, relative humidity and dew point, thus providing a comprehensive climate analysis for construction and renovation projects.

The 2.8-inch TFT color display ensures a clear presentation of all measured values. The moisture meter has an internal memory with a capacity of 32 GB, which can store up to 10 million measurement points. Data can be easily read out and the device charged via the USB-C interface. The menu navigation is multilingual and allows for convenient operation. Statistical functions, hold mode and a data logger support professional documentation and evaluation of the measurements. The moisture meter is ideal for site managers, surveyors, craftsmen and anyone who needs precise moisture and climate measurements on construction sites, in building diagnostics or in woodworking.

Specification

Relative humidity	
Measurement range up to	0 ... 100 % RH
Resolution	1 % RH
Accuracy	3% r.F.

Dew point	
Measurement range up to	-33 ... +65 °C
Resolution	1 °C
Accuracy	1 °C

Humidity	
Material	Anhydrite screed (% by weight)
Measurement range up to	0 ... 3,5 %
Resolution	0,1 %
Accuracy	±0.5%

Humidity	
Material	Anhydrite screed (CM%)
Measurement range up to	0 ... 1,5 %
Resolution	0,1 %
Accuracy	±0.5%

Humidity	
Material	Cement screed (% by weight)
Measurement range up to	0 ... 4,9 %
Resolution	0,1 %
Accuracy	±0.5%

Humidity	
Material	Cement screed (CM%)
Measurement range up to	0 ... 4 %
Resolution	0,1 %
Accuracy	±0.5%

Humidity	
Material	Concrete
Measurement range up to	0 ... 6 %
Resolution	0,1 %
Accuracy	±0.5%

Humidity	
Material	Gypsum screed
Measurement range up to	0 ... 10 %
Resolution	0,1 %
Accuracy	±0.5%

General technical data	
Display type	TFT colour display
Display size	2,8 Inch
Interface	USB-C
Operating time	18 h
Menu language	English (GB), English
Protection class (device)	IP52
Power supply	5 V DC
(Rechargeable) battery	1 x 3,7 V internal , Lithium polymer battery
Capacity	2500 mAh
Operating conditions	-20 ... 60 °C , 35 ... 85 % RH
Storage conditions	-20 ... 45 °C , 35 ... 85 % RH
Dimensions (L x W x H)	190 x 85 x 32 mm
Weight	263 g

Humidity

Material	Hardwood
Measurement range up to	0 ... 37 %
Resolution	0,1 %
Accuracy	±0.5%

Humidity

Material	Softwood
Measurement range up to	0 ... 51 %
Resolution	0,1 %
Accuracy	±0.5%

Humidity

Material	Relative Scale
Measurement range up to	0 ... 99,9 %
Resolution	0,1 %
Accuracy	±0.5%

Temperature

Measurement range up to	0 ... 65 °C
Resolution	1 °C
Accuracy	1 °C