

# MATERIAL MOISTURE METER

PCE-PMI 5



- » **Non-destructive moisture measurement**
- » **Measurement depth up to 40 mm / 1.6 in**
- » **Adjustable limit values for RISK/WET**
- » **Measurement functions: HOLD, MIN, MAX**
- » **2.4-inch LCD display with level indicator**
- » **Backlight can be switched off - Automatic switch-off**

The material moisture meter is used in various building materials such as concrete, wood, screed, plaster, walls and other materials and is particularly suitable for construction, renovation or craft work where the moisture content must be reliably determined. The measuring range of the device is 0 to 100 digits, with a high resolution of 0.1 digits, so that even the smallest changes in moisture can be detected. The material moisture meter works non-destructively and measures the moisture content at a depth of 20 to 40 mm / 0.8 to 1.6 in without damaging the surface of the material. The measurement results are displayed both numerically and analogously on an easy-to-read 2.4-inch LCD display, the backlighting of which can be switched off if required. For easy evaluation of the moisture content, the material moisture meter has DRY, RISK and WET modes, whose limit values can be set individually. It also offers practical measurement functions such as HOLD for holding values and MAX/MIN for recording maximum and minimum values. The integrated capacitive sensor ensures precise measurements, while the automatic switch-off after 30 minutes conserves the lithium battery. Charging is convenient via USB-C.

Thanks to its compact design and low weight, the material moisture meter is ideal for mobile use on construction sites, for construction supervision or for assessing water damage.

## Specification

### Humidity

Measurement range with 0 ... 100 Digits

Resolution 0,1 Digits

### General technical data

Measuring functions MIN, MAX, HOLD

Display type LCD with backlight

Display size 2,4 Inch

Interface USB-C

Sensor Capacitive

Automatic power-off 30 min

Alarm modes Adjustable acoustic humidity alarm: RISK 0 ... 50% / WET 51 ... 100%

Measuring depth 20 ... 40 mm

Menu language English, English (GB)

Protection class (device) IP41

Power supply 5 V DC

(Rechargeable) battery 1 x 3,7 V internal, Lithium-ion battery

Capacity 400 mAh

Operating conditions 0 ... 40 °C, 0 ... 70 % RH

Storage conditions -10 ... 50 °C, 5 ... 95 % RH

Dimensions ( L x W x H ) 195 x 60 x 30 mm

Weight 156 g