

# BM18 Moisture measuring device



Reliable measurements of wood and building moisture at the touch of a button

It takes only one button to switch the BM18 on and effect all settings. For the measuring modes (wood moisture, building moisture) and temperature (°C, °F) selection, press and hold the button for roughly 3 seconds.

In case of temperature measurements, the device indicates the current ambient temperature. In case of moisture measurements, simply push the insertion measuring pins a few millimetres into the material to be measured. This way, you obtain precise and quick results. When measuring in dark surroundings, one touch of the button activates the background illumination. It goes out again automatically after 3 seconds. Three integrated LEDs indicate, similar to a traffic light, the humidity level.

When not in use, the device switches off automatically after 30 seconds to ensure a long battery life. An insufficient battery voltage is indicated on the clearly legible display in good time.

The memory of the BM18 includes a calibration curve for the moisture measurement of wood types common in Europe. No further settings are required for the determination of the wood moisture content.



## A few practical benefits

- Wood and material moisture measurement with one device
- With protective cap
- Ready for immediate use
- Ambient temperature indication either in °C or in °F
- Calibration curve for common types of wood
- Incl. LED moisture indicator
- Simple handling via one button
- Easily changeable steel insertion measuring pins
- Direct display of measured values in %
- Mode selection key
- Battery status indication
- Automatic switch-off



## Technical data

Article number		3.510.205.023
Measuring principle		Resistance measuring method
Electrode length		approx. 8 mm
Electrodes		Integrated, replaceable
Wood moisture	Measuring range	6 % up to 60 %
	Accuracy	±2 % (at < 30 %) ±4 % (at ≥ 30 %)
	Resolution	1 %
Building moisture	Measuring range	approx. 0.2 % up to 2.9 %
	Accuracy	±0.1 % (at < 1.4 %) ±0.2 % (at ≥ 1.4 %)
	Resolution	0.1 %
Temperature	Measuring range	0 °C up to 40 °C / 32 °F up to 99 °F
	Accuracy	Not specified
	Resolution	1 °C / 2 °F
Surrounding conditions		0 °C up to 40 °C / 0 % RH up to 85 % RH
Functions		LED moisture indicator, Material selection, Hold function, Switching function °C/°F, Automatic switch-off, Backlit display, Battery status indication
Power supply		1 x 9 V block battery
Dimensions		122 mm x 45 mm x 51 mm
Weight		115 g
Scope of delivery		Measuring device, Battery(-ies), Protective cap, Electrode tips (2.2 x 8 mm), Operating manual