

# BM22 Moisture measuring device

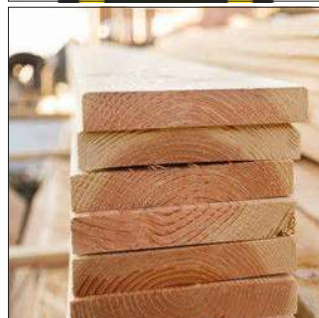
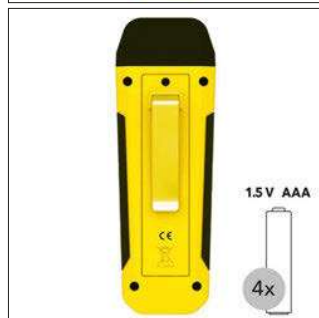
Quick measurement of wood and building moisture

The easily exchangeable steel insertion measuring pins of the BM22 enable a solid connection to the test material and ensure reliable measuring results for the wood moisture measurement of sawn timber and firewood or the material moisture measurement in soft building materials such as gypsum, plaster or screed.

A bar scale and the additional direct moisture value display in absolute percentages simplify reading the measured moisture values. Two different scale ranges for wood and building materials increase the accuracy. Three integrated LEDs offer a simple humidity indication by means of the traffic light principle.

For wood moisture measurement a calibration curve is stored in the device, which corresponds to the average of the relevant kinds of wood in Europe based on a wood temperature of 20 °C. Therefore, no further settings are required for a quick indication of the wood moisture content.

Further integrated in the protective cap of the device is a reference adapter for the control of the battery status and functions. The likewise integrated LED torch enables working even at twilight or in storerooms which are not brightly illuminated.



## A few practical benefits

- Development, design, production: 100 % Trotec
- Wood and material moisture measurement with one device
- Double scale for wood moisture and material moisture
- Incl. protective cap with integrated testing function
- Ready for immediate use
- Ambient temperature indication either in °C or in °F
- Calibration curve for common types of wood
- Incl. LED moisture indicator
- Integrated LED torch
- Easily changeable steel insertion measuring pins
- Direct display of measured values in %
- Automatic testing of functions and battery
- Pocket clip
- Automatic switch-off
- Practice-optimized German industrial design – protected design patent



## Technical data

Article number		3.510.205.025
Measuring principle		Resistance measuring method
Electrode length		approx. 8 mm
Electrodes		Integrated, replaceable
Wood moisture	Measuring range	6 % up to 44 %
	Accuracy	±2 % (at < 30 %) ±4 % (at ≥ 30 %)
	Resolution	1 %
Building moisture	Measuring range	approx. 0.2 % up to 2 %
	Accuracy	±0.1 % (at < 1.4 %) ±0.2 % (at ≥ 1.4 %)
	Resolution	0.05 %
Temperature	Measuring range	0 °C up to 40 °C / 32 °F up to 104 °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, Switching function °C/°F, Automatic switch-off, Automatic functional test, Automatic battery test, Belt clip
Power supply		4 x 1.5 V, AAA
Dimensions		155 mm x 34 mm x 52 mm
Weight		135 g
Scope of delivery		Measuring device, Battery(-ies), Electrode tips (2.2 x 8 mm), Operating manual