

# BM21 Moisture measuring device

## Quick measurement of wood and building moisture



The easily exchangeable steel insertion measuring pins of the BM21 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.

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.

Switching from wood moisture mode to building moisture mode is not required with the BM21, because the measured

Technical data		BM21 Moisture measuring device
Article number		3.510.205.024
Measuring principle		Resistance measuring method
Electrode length		Approx. 8 mm
Electrodes		Integrated, exchangeable
Wood moisture	Measuring range	6 to 44 %
	Accuracy	< 30 % approx. $\pm 2$ % / $\geq 30$ % approx. $\pm 4$ %
Building moisture	Measuring range	Approx. 0.2 to 2.0 %
	Accuracy	< 1.4 % approx. $\pm 0.1$ % / $\geq 1.4$ % approx. $\pm 0.2$ %
Temperature	Measuring range	0 - 40 °C / 32 - 104 °F
	Accuracy	Not specified
Permissible surrounding conditions		0 to +40 °C / 0 to 85 % RH
Power supply		4x 1.5V AAA
Dimensions		145 x 44 x 34 mm
Weight		132 g
Scope of delivery		Measuring device, battery, operating manual

values are indicated via two concurrently displayed scale ranges for the respective material. Further integrated in the protective cap of the device is a reference adapter for the control of the battery status and functions.

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### BENEFITS IN PRACTICE:

Wood and material moisture measurement with one device

Double scale for wood moisture and material moisture

With protective cap and clip

Ready for immediate use

Automatic testing of functions and battery

Optimum value-for-money ratio

Direct display of measured values in %

Easily changeable steel insertion measuring pins

Automatic switch-off

Incl. ambient temperature measurement

