

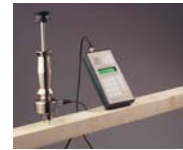
Humidity- / Moisture Meters

FMW, FMC, FME & FMD

Material moisture meters to determine the absolute moisture of materials such as wood, paper, building materials, etc.

Accurately measure the percentage of absolute moisture of all types of materials. The FMW-B and the FMW-T meters measure just by touching the surface, and will not damage to surface of the material. The FMC, FME and FMD6 models can be used with an array of optional sensors. All the units contain calibration curves for wood, building materials and paper. Once the material's corresponding curve has been selected, you will be able to determine the absolute moisture in a more accurate way that with conventional moisture meters. The FMD 6 has the possibility of being programmed with other curves and in addition to that, transmit to a computer the readings to allow the data to be analysed.

- Very user friendly
- High reproducibility (hybrid sensor)
- Highly accurate
- Choice of an array of sensors
- Auto shut-off after 10 min



FMW



FMC



FME



FMD 6

Technical specifications

Model	FMW-B/FMW-T	FMC	FME	FMD 6
Measurement without damaging materials	yes	-	-	-
Measurement with external sensor contact points	-	yes	yes	yes
Temperature measurement	-	-	yes, with optional sensor	yes, with optional sensor
Compensation of temperature	-	manual	yes, automatic with optional sensor	yes, automatic with optional sensor
Reference calibration curve AS/NZS1080.1	-	yes	yes	yes
Wood calibration curves for types of wood (4)	-	yes	-	-
Calibration curves for wood	yes	-	yes	yes
Calibration curves for building materials	yes (only for FMW-B)	yes	yes	yes
Calibration curves for paper	-	yes	yes	yes
Adjustable calibration curves	-	-	-	yes, 10 lines
Memory	50 values	-	50 values	2000 values
Statistic, data, hour	-	-	-	yes
Real time clock	-	-	-	yes
Software	-	-	-	yes
Measuring depth	FMW-B: 10 to 30 mm; FMW-T: 10 to 20 mm	depending on the sensor	depending on the sensor	depending on the sensor
Measurement range in %	2 to 30 (wood) 0 to 60 (building materials)	5 to 99 (wood) 0 to 99 (building materials)	5 to 99 (wood) 0 to 99 (building materials)	5 to 99 (wood) 0 to 99 (building materials)
Resolution in %	0.1	0.1	0.1	0.1
Accuracy in %	0.5	0.3	0.2	0.2
Temperature range (material)	0 to 50 °C	0 to 50 °C	0 to 50 °C	0 to 50 °C
Battery life	yes	yes	yes	yes
Power	9 V battery pack	9 V battery pack	9 V battery pack	3 batteries (1.5 V)
Dimensions	180 x 80 x 35 mm	160 x 80 x 30 mm	160 x 80 x 30 mm	190 x 100 x 34 mm
Weight	260 g	260 g	260 g	300 g
MPA approval	no	no	yes	yes

Contents

Absolute moisture meter (according to the model ordered), user's manual

Model No. Description

- FMW-B Wood and building material moisture meter (without damaging materials), sensor on the back side
- FMW-T Wood and building material moisture meter (without damaging materials), sensor on the front side

For the FMC, FME and FMD moisture meters you should order optional sensors corresponding to the model of meter you have:

- FMC Wood and building materials moisture meters with manual temperature compensation
- FME Wood and building material moisture meters with automatic temperature compensation
- FMD 6 Material moisture meters with automatic temperature compensation and software included

