

Biomass Moisture measurement BM2

data sheet

For suppliers and manufactures in the biomass industry.

Measuring equipment with a very high accuracy due to automatic density compensation for fast and easy moisture content determination of wood products, bark, pellets, miscanthus grass, shredded wood and wood shavings corn silage etc..

Qualities:

- Measurement within seconds, without sample preparation
- Very high accuracy due to automatic bulk density compensation
- Online-fuction for data transmission
- Easy operation
- Customer calibration function for special products
- Menu in German, English, Italian and French
- Automatic temperature compensation



Description:

This measuring device is developed due to experiences in the field and by daily use. The following products can be measured:

wood products, bark, pellets, shredded wood and wood shavings.

Special large product samples will be taken, to avoid retraction failures and also to be able to work with low-priced scales.

The housing is made of a robust stainless steel and will be filled with the measureable product subsequently the moisture value will be displayed and can be stored.

By using the scale the system will compensate for bulk density changes. The displayed value is reproducible and can be adjusted by selection of various materials.

For documentation purposes the measured values can be stored and/or, by cable connected to a printer with the important statements (f.i. material, test day, batch, temperature and moisture value), be printed.

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Moisture measurement

technical data

<i>Measuring range</i>	<i>5% til 60% water content (dependent on species)</i>
<i>Resolution</i>	<i>0,1% water content</i>
<i>Calibration accuracy</i>	<i>+/- 1,5% to reference material</i>
<i>Sample volume</i>	<i>13 litre</i>
<i>Density compensation</i>	<i>by use of a weighting scale</i>
<i>Temperature</i>	<i>can be switched on °C and °F</i>
<i>Temperature compensation</i>	<i>automatic</i>
<i>Sample preparation</i>	<i>not required</i>
<i>Hold-function</i>	<i>manuel storage of 10.000 data with measuring location description</i>
<i>Display</i>	<i>large number illuminated LC</i>
<i>Housing</i>	<i>stainless steel</i>
<i>On-line function</i>	<i>integrated</i>
<i>Printer</i>	<i>interface option</i>
<i>Suppliers storage skills</i>	<i>integrated</i>
<i>Customer calibration function</i>	<i>for special products integrated</i>
<i>Menu language</i>	<i>german, egnlish, intalian, french</i>
<i>Total supply</i>	<i>with plastic bucket, batteries, digital weighting scale with batteries and power supply, software, USB-interface</i>
<i>Optional</i>	<i>factory calibration certificate, printer</i>



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*Feuchtemesssysteme
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*Moisture measuring systems
and industrial components*