



## humimeter **BM1** and **BM2** biomass moisture meter

for suppliers and operators of heating plants using biomass

Highly accurate moisture meter with automatic bulk density compensation for the quick determination of water content of wood chips, barks, wooden pellets, elephant grass, wood shavings and sawdust



### **BM1** moisture meter

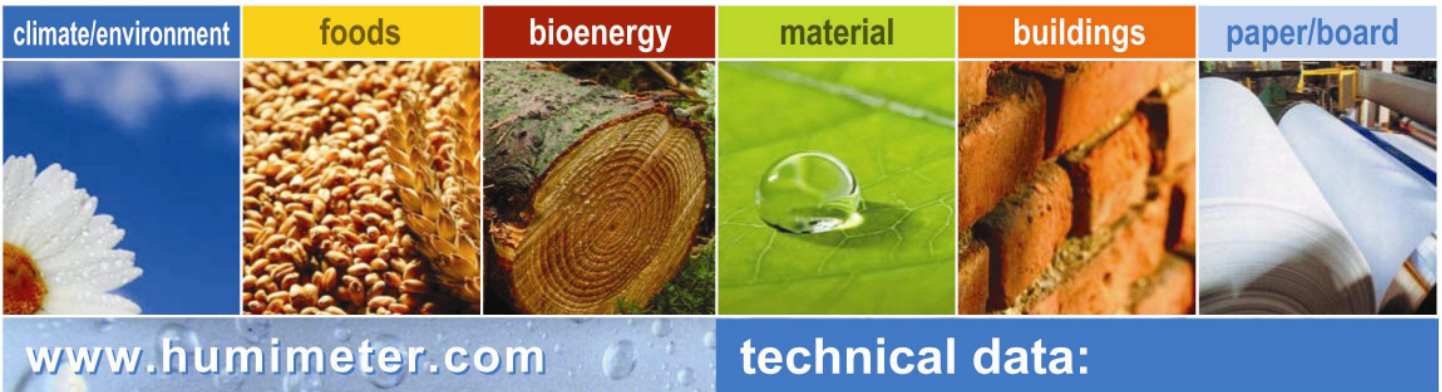
- Bulk density compensated by using a scale
- Very quick and accurate measurement via a sample volume of 13 liters
- Automatic self-calibration
- High measuring range up to 60 % water content
- On-site quality check
- Menu languages: English, German, Italian, French, Spanish, Russian

### **BM2** moisture meter

In addition to all the functions of the BM1, the humimeter BM2 also provides:

- Online function for data transfer
- Integrated memory and printer connection
- Customer calibration function for special products
- PC interface, PC software

[www.humimeter.com](http://www.humimeter.com)



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**technical data:**

## humimeter BM1 biomass moisture meter

article no. 11907

For the measurement of wood chips, barks, wooden pellets, elephant grass, wood shavings and sawdust

- Measuring range 5 to 60% water content, depending on the material
- Resolution 0.5% water content
- Calibration accuracy +/- 1.5%
- Bulk density compensated by using a scale
- 13 liter sample volume
- Temperature can be set to °C or °F as required
- Automatic temperature compensation
- Measurement within seconds without prior treatment of samples
- Sample temperature measurement
- Hold function, manual saving of results, datalog for 10.000 logs with measuring point report
- Large, well-lit LC display
- Robust stainless housing
- With plastic bucket and batteries
- Optional: digital scale with batteries and power supply unit, factory calibration certificate

## humimeter BM2 biomass moisture meter

article no. 11910

In addition to all the functions of the BM1, the BM2 also provides:

- Customer calibration function for special products
- Online function for data transfer
- Supplier's data and batch number can be recorded
- PC interface, PC software and USB adapter
- Optional: Digital scale with batteries and power supply unit, factory calibration certificate, printer

Only an **exact moisture measurement** of biomass allows fair payment for producers, suppliers and end customers. The moisture content determines the fuel value of wood. This makes quality control in the manufacturing and supply of biomass increasingly important. Using a high quality biomass moisture meter you can prevent machine problems and be sure that you do not buy water at a high product price.

The **humimeter BM1 biomass moisture meter** enables an easy and quick measuring procedure of biomass. Switch on the instrument, fill it with your material and read the water content on the display.

The **humimeter BM2 biomass moisture meter** features a PC interface for sending the measuring values to a PC or to a portable printer if required. The integrated online function enables the transfer of stored data to other programs.

**To avoid very costly mistakes due to incorrect moisture levels it is necessary to check the moisture of a material in the manufacturing and treatment process in order to be able to take suitable measures in time.**

Due to its longstanding experience in this field and constant research, **Messtechnik Schaller GmbH** has attained the **highest quality** in the development and production of air humidity and material moisture meters for **professional applications**.

Our main areas are: **climate, environment, food, bioenergy, buildings, paper, board** and **various other materials**.

More than 40 000 customer-specific solutions have been designed and produced for industry and university institutions all over the world so far.

Our technicians provide reliable support and are available to answer your questions.



**Know-how obtained through decades of research and development!**

A wide range of other instruments and external sensors can be found at [www.humimeter.com](http://www.humimeter.com)

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