



humimeter **BM1** and **BM2** measuring instruments for determination of water content of biomass for suppliers and operators of heating plants

Highly accurate moisture meters due to automatic bulk density compensation for the quick determination of water content of wood chips, barks, pellets, elephant grass, maize cobs, wood shavings and sawdust



humimeter **BM1**

- Bulk density compensated by using a scale
- Very quick and accurate measurement via a sample volume of 13 litres
- Automatic self-calibration
- High measuring range up to 50% (60%) water content
- Quality check on-site

humimeter **BM2**

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

- Online function for data transfer
- Integrated memory and printer connection
- Customer calibration function for special products
- PC interface and software on USB flash drive



www.humimeter.com

technical data

Only the **exact determination of water content** of biomass allows fair payment for producers, suppliers and end customers. The water content determines the fuel value of biomass. This makes quality control in the manufacturing and supply of biomass increasingly important. Therefore you can prevent machine problems and avoid paying the high product price only for water.

With the **humimeter BM1** you can perform this procedure easily and within seconds: Switch on the instrument, fill it with biomass and read off the water content from the LCD.

With the **humimeter BM2** the measuring values can be stored on the instrument and sent to a portable printer or PC if required. The integrated online function enables the transfer of stored data to other programmes.

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, **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, universities and research institutions all over the world.

Our technicians provide reliable support and are available to answer your question



humimeter BM1 measuring instrument for determination of water content of biomass

article no.: 11907

For measuring wood chips, barks, pellets, elephant grass, maize cobs, wood shavings and sawdust

- Measuring range 5 to 50% (60%) water content, depending on the material
- Resolution 0.5% water content
- Calibration accuracy +/- 1.5% water content
- Bulk density compensated by using a scale
- 13 litres 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
- Menu languages: English, German, Italian, French, Spanish, Russian and many others on request
- Scope of delivery: *humimeter* BM1, plastic bucket and batteries
- Required accessories: digital scale
- Optional: factory calibration certificate, set for determining bulk density, ISO measuring device check

humimeter BM2 measuring instrument for determination of water content of biomass

article no.: 11910

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

- Customer calibration function for special products
- Integrated online function for data transfer
- Supplier's data and batch number can be recorded
- PC interface and software on USB flash drive
- Optional: factory calibration certificate, set for determining bulk density, Bluetooth module, portable printer, ISO measuring device check

Know-how obtained through decades of research and development!

Any technical changes reserved. Pictures do not show possible changes that have been made on different models.

A wide range of other instruments and external sensors can be found at www.humimeter.com

