



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 scales
- Very quick and accurate measurement via a safe sample volume of 13 liters
- Automatic self-calibration
- Check the quality on-site
- Measuring range 0 to 60% water content
- Menus in GERMAN, ENGLISH, ITALIAN and FRENCH

BM2 moisture meter

In addition to all functions of the BM1, 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



Only an **exact moisture measurement** of biomass allows fair payment for producers, for suppliers and end customers. The moisture content determines the fuel value of the wood. This makes quality control in the manufacture of biomass and when supplying logs increasingly important. With 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.

With the **humimeter BM1 biomass moisture meter**, you can perform this procedure easily and in seconds. Switch on the instrument, fill it with biomass and read the water content on the display.

With the **humimeter BM2 biomass moisture meter**, the measurement values can be stored on the instrument and sent to a portable printer or PC if required. The integrated online function allows you to transfer stored data to other programs.

In order to avoid very costly mistakes due to incorrect moisture levels, you have to check the moisture of material in the manufacturing and treatment processes to give you chance 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, foods, 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.

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



humimeter BM1 Biomass moisture meter Article no. 11907

You can measure wood chips, barks, wooden pellets, elephant grass, wood shavings and sawdust

- Measuring range 0 to 60% water content depending on the material
- Resolution 0.5% water content
- Calibration accuracy +/- 1.5%
- Bulk density compensated by using scales
- 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, data log for 10.000 logs with measuring point report
- Large, well-lit LC display
- Robust stainless housing
- With plastic bucket and batteries
- Optional: Digital scales with batteries and power supply unit, factory calibration certificate

humimeter BM2 Biomass moisture meter Article no. 11910

In addition to all functions of the BM1, 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 scales with batteries and power supply unit, factory calibration certificate

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

