



humimeter **BMA**

professional moisture meter for determining the water content of biomass with display of bulk density and ATRO weight

for suppliers and operators of biomass heating plants

For measuring wood chips, barks, wooden pellets, miscanthus, wood shavings, sawdust and corn cobs.



Your benefits

- High measuring range up to 70% water content (depending on the material)
- Bulk density compensated by integrated scale
- Display of bulk density and ATRO tons/m³
- Infrared sample temperature measurement
- Menu languages: English, German, Spanish, Italian, French and Russian



Only the **exact moisture measurement** of biomass allows fair payment for producers, suppliers and end customers. The moisture content determines the fuel value of the wood. This makes quality control in the manufacturing and supplying 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.

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



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For measuring wood chips, barks, wooden pellets, miscanthus, wood shavings, sawdust and corn cobs.

- Measuring range 5% to 70% water content, dependent on the material
- Resolution 0.1% water content
- Calibration accuracy to reference material +/- 1.0%
- Bulk density compensated by integrated scale
- 12 liter sample volume
- Temperature can be set to °C or °F as required
- Display of bulk density and ATRO tons/m³
- Infrared sample temperature measurement
- Automatic temperature compensation
- Temperature range for measuring: 0-50°C
- Measurement within seconds without prior treatment of samples
- Manual saving of results, datalog for 10.000 logs with measuring point report
- Power supply: 100-240 VAC
- Large, well-lit LC display
- Robust housing
- Optional: **humimeter** USB data interface module with LogMemorizer measuring data recording and analysing software on USB flash drive incl. USB cable for PC, factory calibration certificate, rechargeable batteries, integrated printer

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

 **humimeter.com**[®]
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