



humimeter BMA professional moisture meter for determining the water content of biomass, with display of bulk density and bone dry weight (tons/m³)

For suppliers and operators of biomass heating plants for measuring wood chips, barks, wooden pellets, miscanthus, wood shavings, sawdust and maize cobs



Your benefits

- High measuring range up to 70% water content (depending on the material)
- Bulk density compensated by integrated scale
- Optional display of bulk density and bone dry weight (tons/m³)
- Infrared sample temperature measurement



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 supplying of biomass increasingly important. Using a high quality biomass moisture meter you can prevent machine problems and avoid paying the high product price only for water.

With the *humimeter* BMA you can easily determine the water content within seconds: Switch on the instrument, fill it with biomass and read off the water content from the display. The measuring values can be stored on the instrument, sent to a PC or get printed at the integrated printer 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, 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 questions.



***humimeter* BMA**
professional measuring instrument for determining the water content of biomass

article no. 12800

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

- Measuring range 5% to 70% water content, dependent on the material
- Resolution 0.1% water content
- Calibration accuracy to reference material +/- 1.3%
- Bulk density compensated by integrated scale
- 12 litres sample volume
- Temperature can be set to °C or °F as required
- Infrared sample temperature measurement
- Automatic temperature compensation
- Operating temperature range: 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
- Menu languages: English, German, Italian, French, Spanish, Russian and many others on request

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
- External rechargeable battery
- Integrated printer
- Display of bulk density and bone dry weight (tons/m³)
- ISO measuring device check test medium
- Bluetooth module

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

