

Bioenergy

humimeter BMA

Professional moisture meter for determination of water content of biomass

with optional display of bulk density and bone dry weight (tons/m³), for suppliers and operators of biomass heating plants



78,0 °F | 6,16% | 456 kg/m³ | -27,3 td | 0,64 aw | 51,9% r.H. | 14,8% abs | 100,4 g/m² | 09 m/s | 4,90 Ug/l | 163 ym | 23,2 °C | 78,8 °F | 6,21% | 1424

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

Features

- Quick and fully automated measuring procedure without prior treatment of samples
- Measuring range 5% to 70% water content, depending on the material
- Resolution: 0.1% water content
- Calibration accuracy to reference material: +/- 1.0%
- Bulk density compensated by integrated scale
- Infrared sample temperature measurement, automatic temperature compensation
- Temperature range for measuring: 0 to 50 °C / 32 to 122 °F
- Temperature can be set to °C or °F as required
- 12 litres sample volume
- Manual saving of results, datalog for up to 10,000 logs with measuring point report
- Well-lit LC display, robust housing
- Automatic averaging
- Scope of supply: *humimeter* BMA with measuring chamber and power supply unit
- Optional: *humimeter* USB data interface module with LogMemorizer measuring data recording and analysing software on USB flash drive, display of bulk density and bone dry weight, integrated printer, rechargeable batteries



Handling and measuring procedure:

Completely fill the measuring chamber of the *humimeter* BMA with the material to measure, select the appropriate calibration curve and press the Start button. The entire measuring process is completely automatic. Within 30 seconds the water content, sample temperature, and optionally also bulk density and bone dry weight, are shown on the well-lit display.

Via the integrated datalog the measuring values can be stored and additional data like supplier or batch number can be added.

Optionally, the *humimeter* BMA can be delivered with USB interface for connecting the device to a PC. The included LogMemorizer software can read off the measuring values from the device, additional information can be added, and the data can be archived, exported and processed.



Climate /
Environment



Foods



Bioenergy



Material



Buildings



Paper / Board

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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