

Bioenergy

humimeter **BMC**

Moisture meter for determining the water content of wood chips

For suppliers and operators of biomass heating plants



humimeter BMC

Moisture meter for determining the water content of wood chips



Features

- Measurement within seconds, simple handling
- Measuring range 5 % to 50 % water content, depending on the material
- Resolution 0.5 %
- Calibration accuracy to reference material: +/- 1.5 %
- 12.5 liters sample volume
- Temperature can be set to °C or °F as required
- Automatic temperature compensation
- Temperature range for determination of water content: 0 to +40 °C / 32 to 104 °F
- Scope of supply: humimeter BMC with plastic bucket and batteries
- Optional: humimeter USB data interface module with integrated rechargeable battery and LogMemorizer measuring data recording and analysing software on USB flash drive, portable thermo printer
- Article no.: 13880

Measuring procedure:

Switch on the instrument and select the calibration curve corresponding to your material. Completely fill the measuring chamber with wood chips, using the delivered plastic bucket. Remove protruding wood chips so that the material is even with the top edge of the measuring chamber. The illuminated display immediately shows the water content and temperature of the material.

The instrument offers a data logger for up to 10,000 measuring values as well as the possibility to enter additional data, for example a batch number. For every saved measurement series, the device automatically calculates the average. Via the optionally available USB interface the measuring values can be transferred to a PC. With the included LogMemorizer software the data can be archived, exported and processed.

Akkreditierte Prüfstelle:

Our test laboratory conforms to the requirements of the globally valid standard EN ISO/IEC 17025:2007. In 2016, the laboratory was certified as an accredited test laboratory for the determination of water content according to norm EN ISO 18134-2: Solid biofuels - Determination of moisture content - Oven dry method. The requirements necessary for obtaining and preserving the accreditation ensure maximum testing quality.



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.grubatec.ch