











Moisture meter BIOENERGY - Comparisons



Type / Article Number	Measurement Range & Accuracy	Stored Calibration Curves (Types)	Focus	Advantages & Disadvantages
 <p>**humimeter BMA-2** Professional moisture meter for biomass moisture determination Art.No. 12800</p>	<p>5 - 70% moisture content* 0.1% resolution Very high accuracy</p>	<p>Chipped wood, coarse wood chips, softwood chips, fine wood chips, pellets, wood shavings, sawdust (softwood and hardwood), miscanthus, corn cobs</p>	<p>Universal moisture meter for professional use in the biomass sector. The device combines very high accuracy with a rapid automated measurement process, making it the perfect solution for biomass billing.</p>	<ul style="list-style-type: none"> + Very high accuracy due to large sample volume (12 liters) + Display of weight [kg/m³] & bulk density (optional) / calorific value (optional) + Infrared sample temperature measurement + Integrated weighing cell + Integrated thermal printer, USB interface with PC evaluation software
 <p>**humimeter BMC** Moisture meter for determining moisture in chipped wood and sawdust Art.No. 13880</p>	<p>5 - 50% moisture content* 0.5% resolution High to very high accuracy</p>	<p>Chipped wood, coarse wood chips, softwood coarse chips, fine wood chips, wood shavings (softwood and hardwood), sawdust (softwood, hardwood)</p>	<p>Versatile universal moisture meter for the biomass sector.</p>	<ul style="list-style-type: none"> + Accurate and fast measurement without sample preparation + No scale required + Automatic self-calibration + Quality control and on-site documentation
 <p>**humimeter BLL** Rapid tester for measuring moisture in chipped wood with insertion probe Art.No. 12029</p>	<p>10 - 50% moisture content* 0.5% resolution Medium to high accuracy</p>	<p>Chipped wood, coarse wood chips, industrial wood chips</p>	<p>Rapid tester for measuring at different depths (up to 1 meter), allowing for quick measurements at various locations such as in trailers or piles.</p>	<ul style="list-style-type: none"> + 1-meter stainless steel lance + Fast measurement + No need for conversion between wood moisture and water content + Automatic average calculation
 <p>**humimeter BL2** Universal biomass moisture meter with interchangeable probes Art.No. 12109</p>	<p>Moisture content depends on probe Resolution depends on probe Medium to high accuracy</p>	<p>Chipped wood, coarse wood chips, industrial wood chips, roundwood, split logs, wood shavings, olive pits</p>	<p>Universally applicable handheld moisture meter with different probes for roundwood and split logs, chipped wood, pellets, etc.</p>	<ul style="list-style-type: none"> + Evaluation device for various probes + Large measuring range up to 60% water content + Fast measurement + No need for conversion between wood moisture and water content + Two-hand operation
 <p>**humimeter WLW** Roundwood and split log moisture meter Art.No. 12626</p>	<p>10 - 60% moisture content* 0.1% resolution Medium to high accuracy</p>	<p>Roundwood, split logs</p>	<p>Wood moisture meter with switchable display for moisture content, equilibrium moisture, and dry mass.</p>	<ul style="list-style-type: none"> + Fast measurement + High measuring range: 7-150% wood moisture + High penetration depth + Automatic average calculation + Two-hand operation + Non-destructive

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 <p>**humimeter BP1** Moisture meter for determining moisture content in pellets **Art.No. 11496**</p>	<p>3 - 20% moisture content* 0.1% resolution Very high accuracy</p>	<p>Wood pellets, special pellets</p>	<p>High-performance moisture meter for determining the moisture content of standard wood pellets and special pellets (thistle, straw, rapeseed, miscanthus, etc.). Ideal for quality control during production, interim storage, and incoming goods inspection.</p>	<ul style="list-style-type: none"> + Very high accuracy + Rapid measurement + On-site quality control + Data logging function for measurement values and supplier data
 <p>**HGT-A** Chipped Wood Moisture Transmitter **Art.No. 14236**</p>	<p>10 - 50% moisture content (equivalent to 100% wood moisture) Medium accuracy</p>	<p>Chipped wood, coarse wood chips, industrial wood chips, special materials (optional)</p>	<p>Moisture transmitter for online moisture measurement of chipped wood in classes P16 to P45. Suitable for installation in sheet metal thicknesses up to 12mm.</p>	<ul style="list-style-type: none"> + Large measuring range + Pre-calibrated system + Efficiency increase for heating systems and process monitoring + Automatic self-calibration + Also available in high-temperature version (+5°C to +85°C)
 <p>**BLC** Real-time moisture content measurement system **Art.No. 13573**</p>	<p>2 - 60% moisture content* High accuracy</p>	<p>Chipped wood, coarse wood chips, industrial wood chips, sawdust, wood shavings, bark, reclaimed wood, pellets, special materials (optional)</p>	<p>Pre-calibrated system for continuous real-time moisture content measurement. The perfect instrument for sustainable quality control of the drying process and during production.</p>	<ul style="list-style-type: none"> + Very large measuring range + Easily integrated into existing systems + Also available in high-temperature version (+5°C to +70°C)
 <p>**BLO** Biomass Online Measurement Device **Art.No. 12089**</p>	<p>2 - 60% moisture content (depends on selected sensor) High accuracy</p>	<p>Chipped wood, coarse wood chips, fine wood chips, sawdust, wood shavings, bark, reclaimed wood, pellets, special materials (optional)</p>	<p>Online evaluation device for moisture determination of chipped wood and other materials with material-specific external sensors (Chipped Wood & Universal).</p>	<ul style="list-style-type: none"> + Real-time measurement + Remote sensors + Ethernet capability + Usable in very high-temperature ranges (up to +70°C)
 <p>**LabDry** Automatic moisture determination using the DIN-Darr method (Drying Cabinet) **Art.No. 12176**</p>	<p>0 - 100% moisture content 0.01% resolution Absolute value</p>	<p>Suitable for all materials</p>	<p>Intelligent software solution for automatic calculation of moisture content for all solid and liquid materials using the DIN-Darr method in a drying cabinet.</p>	<ul style="list-style-type: none"> + Absolute value determination + Suitable for every material + Two-handed operation - 12h measurement duration, not portable - Small sample quantity - Measurement value valid only for the specific sample - Power consumption

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