

Biomass device comparison sheet

| Type Article Number | Measuring Range Accuracy | Standard calibration curves | Focal Point | Pros and Cons |
|---|--|--|--|--|
|  <p>humimeter BMA Professional measuring device for determining the water content of biomass article no. 12800</p> | <p>5 - 70% water content* 0.1% resolution very high accuracy</p> | <p>wood chips, coarse wood chips, industrial wood chips, barks, wood shavings, sawdust, pellets, miscanthus, maize cobs</p> | <p>Professional universal moisture meter for biomass. This moisture meter combines very high accuracy and a fast, automatic application. Best solution for billing biomass based on its water content.</p> | <ul style="list-style-type: none"> + outstanding accuracy due to high sample volume (12 liters) + displays dry weight (ATRO tons/m³) and bulk density (optional) + infrared sample temperature measurement + integrated load cell + integrated printer + USB interface with PC software |
|  <p>humimeter BM1/BM2 Universal moisture meter for biomass article no. 11907 & 11910</p> | <p>5 - 50% water content* 0.5% resolution high to very high accuracy</p> | <p>wood chips, coarse wood chips, industrial wood chips, P100 wood chips, barks, pellets, wood shavings, sawdust, miscanthus, maize cobs</p> | <p>Versatile universal moisture measuring instrument for the biomass sector</p> | <ul style="list-style-type: none"> + Accurate and fast measurement + Bulk density compensated by use of a scale + Automatic self-calibration + Quality control on the spot humimeter BM2: + Customer calibration function for special products + USB interface with PC software |
|  <p>humimeter BLL Quick and simple tester for determining the water content in wood chips article no. 12029</p> | <p>10 - 50% water content* 0.5% resolution medium to high accuracy</p> | <p>wood chips, coarse wood chips, industrial wood chips</p> | <p>Quick moisture measurement at different depths (up to 1 meter), in different areas in the shortest possible time, e.g. on the truck, in the pile</p> | <ul style="list-style-type: none"> + 1 meter stainless steel probe + Measurement within seconds + No conversion from wood moisture to water content required + Automatic averaging of logs |
|  <p>humimeter BL2 Versatile biomass moisture meter with changeable sensors article no. 12109</p> | <p>10 - 50% water content* 0.1% resolution medium to high accuracy</p> | <p>wood chips, coarse wood chips, industrial wood chips, round and log wood, pellets, sawdust, olive stones, straw, hay, pulp</p> | <p>Universally applicable handheld measuring device with different probes for round and log wood, wood chips, pellets, hay and straw bales etc.</p> | <ul style="list-style-type: none"> + Versatile device with various probes + Large measuring range up to 60% water content + Measurement within seconds + No conversion from wood moisture to water content required - Two-hand operation |
|  <p>LabDry Automatic determination of water content according to DIN kiln-drying method article no. 12176</p> | <p>0 - 100% water content 0.01% resolution absolute value</p> | <p>for all material types</p> | <p>Intelligent software solution for the automatic calculation of water content of all solid and liquid materials according to DIN kiln method in a drying oven.</p> | <ul style="list-style-type: none"> + Determination of absolute value + Suitable for every material - Measurement duration: 12 hours, non-mobile - Small sample volume - Measured value applies only to the taken sample - Power consumption |

* depending on the material