

Bioenergy

## **humimeter BMA-2**

Professional moisture meter for determination of water content of biomass

with optional display of bulk density and bone dry weight (tons/m<sup>3</sup>), for suppliers and operators of biomass heating plants



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

## humimeter BMA-2

Professional moisture meter for biomass

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

### Benefits

- Measuring result in less than 1 minute thanks to dielectric measuring principle
- High sample volume ensures good average accuracy
- Tamper-proof
- EU patented
- Enhanced with the support of our accredited test laboratory (see below)

### Features

- 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
- Operating temperature range: 0 - 50 °C / 32 -122 °F
- 12 liter sample volume
- Illuminated LC display
- Robust housing
- Automatic averaging
- Available equipment packages:  
+ USB package  
+ Data package  
+ ATRO package



### Handling and measuring procedure:

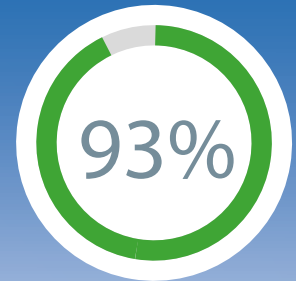
Completely fill the measuring chamber with the material to measure, select the appropriate calibration curve and press the Start button. The humimeter BMA-2 performs the entire measuring process fully automatically and displays the water content and material temperature within 30 seconds. With the ATRO package, also the bulk density and the bone dry Atro weight are determined, which enables simple invoicing of deliveries based on the Atro weight.

### Accredited test laboratory:

Our test laboratory conforms to the requirements of the globally valid standard EN ISO/IEC 17025:2005. 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.



**Lowest cost billing system based on ATRO tons**



**Investment cost saving**

humimeter BMA-2 ATRO  
4,440 €

weighbridge + drying oven  
80,000 €

**Costs per measurement for 500 measurements per year**

humimeter BMA-2 ATRO  
2.70 €

weighbridge + drying oven  
24.70 €

