



humimeter **BLO** Online measuring system

for the determination of water content of wood chips and other materials with adapted external sensors



Your benefits

- Easy determination of water content and temperature of the material
- Ready calibrated system (standard sensor)
- Extendable to up to 32 material types in your particular country's language
- Automatic averaging
- Integrated datalog
- Menus are in German, English, Italian, Spanish, Russian and French

BLO with datalog

- Sensors specifically adapted to the material
- 2 analogue outputs 4 – 20 mA for water content and temperature
- Optional: 2 relay outputs for water content
- Optional: PC interface, software, datalink cable
- Extra indication of temperature of the material
- A new and revolutionary powerful online measuring system for the determination of water content using innovative sensor technology

www.humimeter.com



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technical data:

The humimeter **BLO** allows an easy **online determination of the water content of wood chips** and similar materials. The wood chips sensor for the installation in a screw conveyor can easily be integrated also in existing plants. With this system you can actuate your dryer or oven optimally according to the water content. Therefore the efficiency of your oven can be improved and accordingly the energy consumption of drying can be reduced.

The water content and the temperature is shown on the well-lit LC display of the analysing device. The connection to a control system can be realised by the **4-20mA analogue output**.

As the humimeter BLO for wood chips is already completely calibrated, the installation can be realised with a modicum of effort.

In order to avoid very costly mistakes due to incorrect moisture levels, you have to check the moisture of material in the manufacturing and treatment process to give you the chance to take suitable measures in time.

Due to its longstanding experience in this field and constant research, **Messtechnik Schaller GmbH** has attained the **highest** quality in the development and production of air humidity and material moisture meters for **professional applications**.

Our main areas are: **climate, environment, foods, bioenergy, buildings, paper, board** and **various other materials**.

More than 40.000 customer-specific solutions have been designed and produced for industry and university institutions.

Our technicians provide reliable support and are available to answer your questions and solve your technical problems.

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Article no. 12089 analysing device

Article no. 12122 wood chips sensor

for installation in a screw conveyor

- Measuring range of wood chips sensor 10 to 55% water content (conforming to 120 % wood moisture), dependent on the type
- Resolution 0,5% water content
- Sample temperature measurement
- Automatic temperature compensation
- Temperature range for determination of water content 0 to + 40°C
- Temperature measuring range – 10 to + 60°C
- Temperature can be set to °C or °F as required
- Datalog for 10.000 logs with measuring point report
- Suppliers' data can be recorded
- Large, well-lit LC display
- Casing protection class: IP 54
- Power supply 115/230 volt AC 50/60 Hz
- 2 analogue outputs 4 – 20 mA for water content and temperature
- Optional: 2 relay outputs for water content
- Optional: PC interface, software, datalink cable

Know-how obtained through decades of research and development!!



A wide range of other instruments and external sensors can be found at www.humimeter.com

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