



humimeter FL1 and FL2
hay and straw moisture meters
with fix mounted 0.6 metre insertion probe



humimeter FL1

- Easy to operate
- Measurement of moisture and temperature
- Automatic temperature compensation
- A new powerful portable measuring instrument series using innovative sensor technology

humimeter FL2 with datalog

In addition to all functions of the *humimeter* FL1, the *humimeter* FL2 also provides:

- Measuring range up to 60% water content
- Automatic averaging
- Compression plate for bulk material
- Online function for data transfer
- Integrated memory and printer connection
- Customer calibration function for special products
- PC interface and software, wooden case



www.humimeter.com

technical data

Only the **exact moisture measurement** of hay and straw enables optimal further processing for producers, traders and end customers. The water content highly determines the quality of hay and straw bales. This makes quality control in this field increasingly important. Thereby you can avoid problems caused by mould and avoid paying the high product price only for water.

The **humimeter FL1 and FL2 moisture meters for hay and straw** enable an easy and quick measuring procedure: Plug the probe into the hay or straw bale, switch on the instrument and read off the water content from the LCD after a few seconds. At the humimeter FL2, the measuring values can be stored on the instrument and sent to a portable printer or PC if required.

To avoid very costly mistakes due to incorrect moisture levels it is necessary to check the moisture of a material in the manufacturing and treatment process in order to be able to take suitable measures in time.

Due to its longstanding experience in this field and constant research, **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, food, bioenergy, buildings, paper, board** and **various other materials**.

More than 40,000 customer-specific solutions have been designed and produced for **industry, universities** and **research institutions** all over the world.

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



humimeter FL1 hay and straw moisture meter article no. 12245

- Resolution 0.5% water content
- Measuring range 8% to 40% water content
- Automatic temperature compensation
- Temperature can be set to °C or °F as required
- Measurement within seconds
- Hold function
- Large, well-lit LC display
- Menu languages: English, German, Italian, French, Spanish, Russian and many others on request
- Scope of supply: humimeter FL1 with batteries
- Optional: wooden case, test block, rubber protection cover

humimeter FL2 hay and straw moisture meter with customer calibration function for special materials like insulation, hops, bales of alfalfa, silo bales, sand, substrate and further materials article no. 12290

In addition to all functions of the *humimeter FL1*, the *humimeter FL2* also provides:

- Higher resolution of 0.1% water content
- Advanced measuring range: 8% to 60% water content (dependent on the material)
- Manual saving of results, datalog for 10.000 logs with measuring point report
- Supplier's data can be recorded
- Scope of supply: *humimeter FL2*, *humimeter* USB data interface module with LogMemorizer measuring data recording and analysing software for PC on USB flash drive, compression plate for bulk material, wooden case, rubber protection cover and batteries
- Optional: portable printer, test block

Know-how obtained through decades of research and development!

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.humimeter.com

