



humimeter **FS4.1** sewage sludge moisture meter

A novel moisture meter to determine the moisture content of part dried and full dried sewage sludge-granulate.



Your benefits

- Very accurate measurement by temperature- and bulk density compensated measurement process
- Easy to use
- Measurement within seconds
- Very robust and resistant construction
- Measuring chamber out of never rust material ideal for a professional use

humimeter **FS4.1** with datalog

- Online function for data transfer to PC
- Integrated memory with printer connection
- Menus are in German, English, Italian and French
- A new revolutionary powerful portable measuring instrument series for measuring using innovative sensor technology.



For an effective handling in a sewage sludge drying system it is necessary to know about the drying progress and the moisture concentration of the drying batch. First of all during the mean drying time (April till October), there is a serious problem with too much drying of the sewage sludge-granulate. The effect of it, is a big problem with dust loading in the drying area and very high power costs. To prevent these problems you have to do periodical measurements, which are often connected with a high effort and expenditure of time.

With **humimeter FS4.1 sewage sludge moisture meter** you get the measurement within seconds. Switch on the measuring instrument, fill it with sewage sludge and read off the moisture content from the LCD.

So it is possible to determine 10 to 20 measured values in a few minutes and get an exact drying profile of your drying batch

You are able to save energy costs and working 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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easy and fast measurement of part dried and full dried sewage sludge-granulate, starting from a dry sludge concentration of 45% reference characteristic line and customer-calibration possible

Art.Nr 12036

- Resolution 0,1%, measuring range 0 to 55%
- Hectoliter compensated
- Sample temperature measurement
- Temperature can be set to °C or °F as required
- Automatic temperature compensation
- Measurement within seconds
- Hold function, manual saving of results, datalog for 10.000 logs with measuring point report
- Supplier's data and batch number can be recorded
- Customer-calibration function
- Integrated online-function
- Robust stainless housing
- With digital scale, case, measuring cup, PC interface, PC software, USB Adapter and batteries
- Optional: printer, ISO measuring device check

Know-how obtained through decades of research and development!



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