



## **humimeter FS3 food and luxury food moisture meter**

for peeled and unpeeled raw coffee, roast and ground coffee, cocoa beans, poppy seeds, rape, pumpkin seeds, peas, soybeans, scarlet runner beans, wheat, peeled, unpeeled and brown rice, linseed, sesame, sorghum and buckwheat; additional products on request



### **Your benefits**

- Very fast and accurate due to 300 g whole grain measurement
- For all product types and finished products
- Reduces your drying costs
- Measuring protects from mould and resulting damages

### **FS3 with datalog**

- Very easy to operate
- Wide range of calibration curves in one device, from unpeeled raw products to roast and ground coffee
- A new powerful portable measuring instrument series using innovative sensor technology



[www.humimeter.com](http://www.humimeter.com)

**technical data**

Only the **exact moisture measurement** of food and special fruits allows fair payment for producers, traders and end customers. Therefore the quality control of grain and food is of particular importance. Using a high quality moisture meter you can prevent machine problems and avoid paying the high product price only for water.

The **humimeter FS3 food and luxury food moisture meter** enables an easy and quick measuring procedure. Switch on the measuring instrument, fill in your sample and read off the moisture content from the LCD. The measuring values can be stored on the device and be transferred to a PC or mobile printer if required. The integrated online function enables the transfer of stored data to other programs.

**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 FS3** **food and luxury food moisture meter**

**for producers, traders and companies in the food industry**  
For peeled and unpeeled raw coffee, roast and ground coffee, cocoa beans, poppy seeds, rape, pumpkin seeds, peas, soybeans, scarlet runner beans, wheat, peeled, unpeeled and brown rice, linseed, sesame, sorghum and buckwheat; additional products on request.

article no. 12291

- Resolution 0.1% water content
- Measuring range 5 to 40% water content (depending on the material)
- Calibration accuracy to reference material +/- 0.4%
- Hectoliter compensated
- Sample temperature measurement
- Temperature can be set to °C or °F as required
- Automatic temperature compensation
- Measurement within seconds without prior treatment of samples
- Hold function, manual saving of results, datalog for 10.000 logs with measuring point report
- Supplier's data can be recorded
- Integrated online function
- Robust stainless housing
- Menu languages: English, German, Italian, French, Spanish and Russian and many others on request
- Scope of supply: *humimeter* FS3 with digital scale, plastic case, measuring cup, rubber protection cover and batteries
- Optional: *humimeter* USB data interface module with LogMemorizer measuring data recording and analysing software on USB flash drive with USB cable for PC, printer, ISO device check, factory calibration certificate

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

device	resolution	calibration accuracy	measuring range	customer calibration	sample quantity	scale	temperature display	memory	PC-software + online function
FS1.1	0.1%	1.1%	5-25%		100ml	●	●		
FS1	0.1%	0.8%	5-30%		100ml	●	●		
FS2	0.1%	0.4%	5-40%		300g	●	●	●	
FS3	0.1%	0.4%	0-40%		300g	●	●	●	optional
FS4	0.1%	0.4%	0-50%	●	300g	●	●	●	●

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](http://www.humimeter.com)

