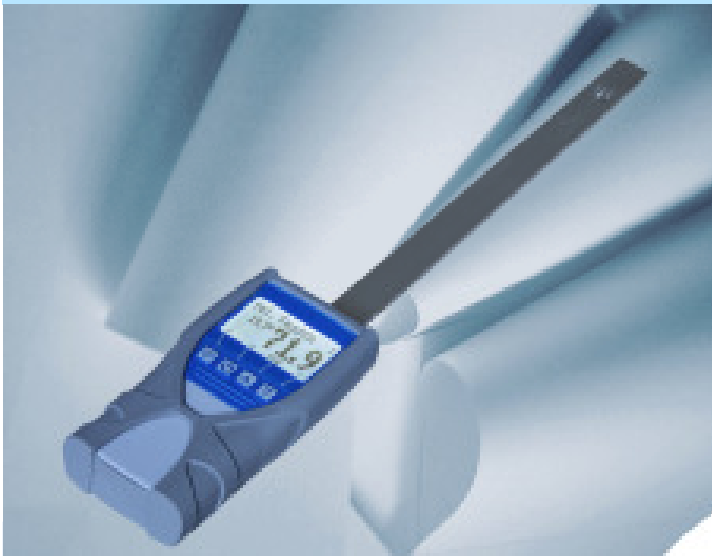




## humimeter **RH5** and **RH6**

paper moisture meters for paper piles

Also ideal for automatically monitoring the climate of printing rooms and paper stockrooms



### **RH5** moisture meter

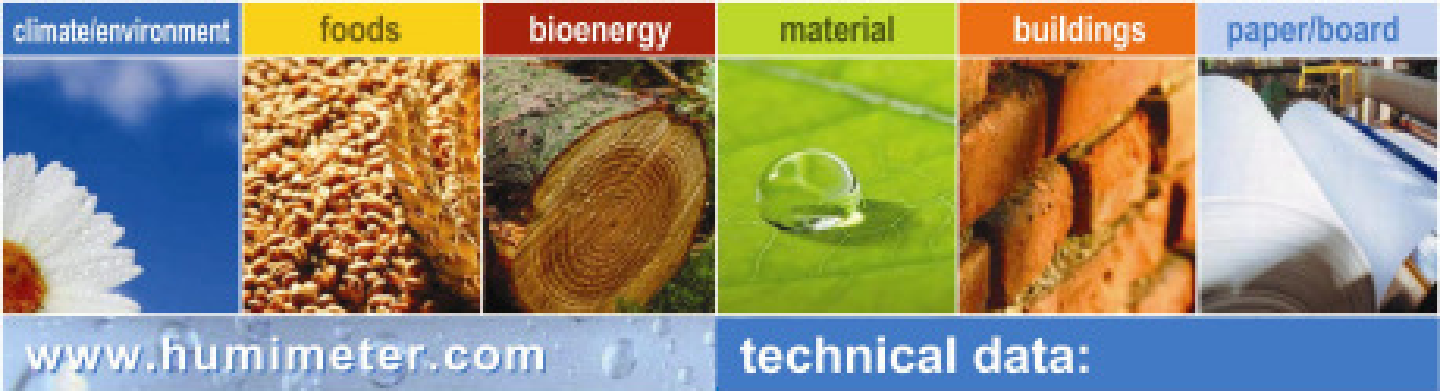
- Quick and user-friendly moisture measurement in paper piles
- Easy data storage at the portable moisture meter
- Analyses at a PC and printer possible
- Optimal documentation of your quality
- Menu languages: English, German, Italian, French, Spanish and Russian
- Incl. wooden case and batteries

### **RH6** with datalog

In addition to all the functions of the RH5, the humimeter RH6 also provides:

- Absolute humidity 0 to 130 g/m<sup>3</sup>, resolution 0.1 g/m<sup>3</sup>
- Temperature compensated paper and wood equilibrium moisture content
- Calibration curves for the determination of water content
- Customer calibration function
- Incl. PC interface and software

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



### Relative equilibrium moisture content and absolute material moisture

The relative equilibrium moisture content of a material indicates the relative moisture of ambient air equilibrating the material. At that moisture level the material does not absorb or release any moisture.

The absolute material moisture indicates the percentage of water content of a material referred to its total weight (measurement of paper, grain, ...) resp. referred to its dry mass (measurement of wood, ...).

Almost every material in our surroundings is hygroscopic. This means that the material soaks up moisture from the surroundings or sets it free.

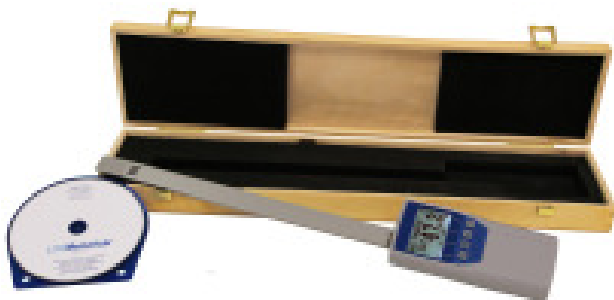
**To avoid very costly mistakes due to incorrect moisture levels it is necessary to check the moisture of a material in the manufacturing and treatment process in order to be able to take suitable measures in time.**

Due to its longstanding experience in this field and constant research, **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, food, 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 all over the world so far.

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



## technical data:

### humimeter RH5 paper moisture meter

article no. 11494

- Relative air humidity 0 to 100%, resolution 0.1% rh
- Calibration 0 to 90%  $\pm 1.5\%$  rh (at 25°C/77°F)
- Temperature can be set to °C or °F as required
- Temperature -10 to +60°C; 14 to 140°F, resolution 0.1°C
- Calibration  $\pm 0.4^\circ\text{C}$  (at 25°C/77°F) Pt 1000 DIN B
- Dew point -55 to +60°C; -67 to 140°F, resolution 0.1°C
- Hold function, manual saving of results
- Rapid adjustment
- Automatic datalog for 10.000 logs with measuring point report, suppliers' data and batch number can be recorded
- Menu languages: English, German, Italian, French, Spanish and Russian
- Incl. wooden case and batteries
- Optional: PC interface, software and printer

### humimeter RH6 paper moisture meter

article no. 11497

In addition to all the functions of the RH5, the RH6 also provides:

- Absolute air humidity 0 to 130 g/m<sup>3</sup>, resolution 0.1 g/m<sup>3</sup>
- Temperature compensated paper and wood equilibrium moisture content
- Calibration curves for determination of water content
- Customer calibration function
- Incl. PC interface and software

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

