



Relative humidity meter humimeter RH1 for humidity in climate and environment applications



Your benefits:

- long stable humidity- and temperature sensors
- Easy data storage at the portable moisture meter
- Analysis on the PC and printer available
- Optimal documentation of your quality
- Menus are in GERMAN, ENGLISH, ITALIAN and FRENCH

humimeter with datalog

quick - cost saving -
automatically documented

A new and revolutionary powerful portable measuring instrument series for measuring using innovative sensor technology.

www.humimeter.com



The relative equilibrium moisture content and the absolute moisture of material

The relative equilibrium moisture content of a material indicates the relative moisture of ambient air counterbalancing the material. In this case the material does not absorb or release any moisture.

The absolute moisture of material indicates the percentage of water content of a material referred to the total weight (paper, grain,...) and with some materials (e.g. wood) referred to the dry mass.

Almost all materials in our surroundings are hygroscopic. This means that they soak up moisture from the surroundings or set moisture free.

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 processes 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 25 000 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.

Relative humidity meter humimeter RH1

for humidity in climate and environment applications

Article. no. 11487

- Relative air humidity 0 to 100%, resolution 0.1%RH
- Calibration 0 to 90% $\pm 1.5\%$ RH (at 25°C)
- Temperature can be set to °C or °F as required
- Temperature -10 to +60°C, resolution 0.1°C, 14 to 140°F
- Calibration $\pm 0.4^\circ\text{C}$ (at 25°C) Pt 1000 DIN B
- Dewpoint -55 to +60°C, resolution 0.1°C, -67 to 140°F
- Absolute air humidity 0 to 130 g/m³, resolution 0.1g/m³
- Equilibrium moisture content UGL: 2 to 30%, resolution 0.1%
- Calibration 5 to 15%, accuracy $\pm 0.5\%$ (at 25°C)
- Hold function, manual saving of results
- Automatic datalog for 10.000 logs with measuring point report
- Supplier's data and batch number can be recorded
- With wooden case and batteries
- Optional: PC-interface, software and printer
- Very quick balancing

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

