

Relative Humidity Meter With Memory

Measure climate humidity easily, fast and accurately with the RH1 relative moisture meter, optionally available with a PC-interface, software and printer.

Features

- ⊕ Very quick balancing
- ⊕ Easy data storage for printing or analysis on PC
- ⊕ Durable humidity- and temperature sensors
- ⊕ Menu language in English, German, French, Italian
- ⊕ Hold function allows saving of results manually



Relative humidity is the amount of water vapour that exists in a gaseous mixture of air and water and is normally expressed as a percentage.

The relative humidity of an air-water vapour mixture can be estimated if both the measurement temperature and the dew point temperature of the mixture are known. This approach to measuring humidity requires an equation expressing the saturation vapour pressure as a function of temperature, the result of this equation is displayed by the RH1 hygrometer automatically as a relative humidity percentage.

The RH1 hygrometer is the perfect instrument to aid humidity control and quality assurance!

Specifications

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| <ul style="list-style-type: none"> ⊕ Relative air humidity 0 to 100%, resolution 0,1%RH ⊕ calibration 10 to 90% ±1,5%RH (at 25°C) ⊕ Temperature can be set to °C and °F as required ⊕ Temperature -10 to + 60°C, resolution 0,1°C, 14 to 140°F ⊕ Calibration ±0,3°C (at 25°C) ⊕ Dew point -55 to +60°C, resolution 0,1°C, -67 to 140°F ⊕ Absolute air humidity 0 to 130 g/m³, resolution 0,1g/m³ | <ul style="list-style-type: none"> ⊕ Equilibrium moisture content Ugl: 2 to 30%, resolution 0,1% ⊕ Calibration 5 to 15%, accuracy ±0,5% (at 25°C) ⊕ Hold function, manual saving of results ⊕ Automatic data log for 10.000 logs with measuring point report ⊕ Supplier data and batch number can be recorded ⊕ With rubber protection cover, wooden case and batteries ⊕ Optional: USB data interface, software and printer |
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