

Climate / Environment

humimeter RH1

hygrometer with very quick balancing for climate and environmental applications



78,0 °F | 6,16% | 456 kg/m³ | -27,3 td | 0,64 aw | 51,9% r.H. | 14,8% abs | 100,4 g/m² | 09 m/s | 4,9

6,21% | 1424 kg

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Features

- Relative air humidity 0 to 100%, resolution 0.1%rh
- Calibration 10 to 90% +/-1.5% rh (at 25°C)
- Absolute air humidity 0 to 130 g/m³, resolution 0.1 g/m³
- Dew point -55 to +60°C/-67 to 140°F, resolution 0.1°C
- Equilibrium wood moisture Ugl.: 2 to 30%, resolution 0.1%
- Calibration Ugl. 5 to 15%, accuracy +/-0.5% (at 25°C)
- Temperature -10 to + 60°C/14 to 140°F, resolution 0.1°C
- Calibration +/-0.3°C (at 25°C)
- Automatic temperature compensation
- Hold function, manual saving of results
- Automatic datalog for up to 10,000 logs with measuring point report
- Long-term stable humidity and temperature sensors
- Scope of supply: *humimeter* RH1 with rubber protection cover and batteries

Handling / measuring procedure:

After switching on the instrument, the current temperature and humidity value can immediately be read off the large, well-lit display. Via the integrated datalog the measuring values can be stored and edited.

Optionally, the *humimeter* RH1 can be delivered with USB interface for connecting the device to a PC. The included LogMemorizer software can read off the measuring values from the device, addition information can be added, and the data can be archived, exported and processed.



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Foods



Bioenergy



Material



Buildings



Paper / Board