

## RH2 – Thermohygrometer – logger selection of sensors for multiple applications

### Accurate moisture meter with memory

With cable connection for:

1. Plug sensor for materials *or*
2. Sensors for relative humidity and temperature

Optional - PC Connection, software and printer

A powerful portable instrument with innovative sensor technology.  
With the programming function of product-specific calibration curve.

The RH2 offers:

- Relative (air) humidity, absolute humidity, dew point, residual moisture content in%, and aw values (water activity)
- Sustainable stable sensors
- Simple data storage in a portable measuring device

For optimal documentation of your quality, the following options are available:

- Portable thermal printer with battery power
- Software for storage and processing with PC



### Features:

- Relative humidity (RH), range 0 to 100%. Resolution 0.1%, depending on sensor used.
- Temperature either in ° C or ° F
- Temperature, depending on sensor used, from -20 to 85 or 120 ° C. Resolution 0.1 ° C.
- Accuracy ± 0.5 ° C (25 ° C)
- Dew Point -55 to 60 ° C, resolution 0.1 ° C
- Absolute Humidity, 0 to 130 g/m3, resolution 0.1g/m3
- Residual moisture content, 2 to 30%. Resolution 0.1%. Calibration of 5 to 15%
- Residual moisture content synthetic granules 0.01%
- User programmable characteristic curves
- Continuous measurement and hold function for manually storing results
- Automatic logging and reporting of approx. 9,500 points
- Adapts quickly to temperature and RH
- Menu languages: English, German, French, Italian, Spanish, Russian
- Adding of materials or supplier data
- Operating durability depending on log interval settings
- Option: Plastic holder for wall mounting or tabletop arrangement

### Scope of delivery:

standard:

- ❖ Instrument and 4 x AA batteries
- ❖ Manual
- ❖ Sensor. Minimum one required. According application. \*

\* See overleaf for available sensors and accessories



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### Available sensors and accessories

Art. no.	Description
12278	USB data interface module with LogMemorizer measuring data recording and analysing software on CD incl. USB cable for PC
12484	Automatic datalog with 8 ports (4 for moisture/4 for temperature), Converter from USB to Ethernet for connection of instruments, incl. measuring data recording and analysing software for PC
12485	USB data interface module VERSION FOR RECHARGEABLE BATTERIES with LogMemorizer measuring data recording and analysing software on CD incl. USB cable
12032	Moisture and Temperature Sensor with 2 meter connection cable. Powered by instrument, relative humidity 0 to 100%, calibration 0 to 90% +/- 2,5% (at 25°C), Temperature range -20 to + 85 °C, calibration +/- 0,5 °C (at 25 °C), rapid conditioning
12004	LF_TB 120 Precision moisture and temperature stabbing sensor for material moisture, sensor head 0,3m stainless tube with steel sinter cap and 2 meter connection cable Powered by instrument. RH2 relative humidity 0 to 100%, calibration 0 to 90% relative humidity (at 25°C), temperature range -20 to +120°C, calibration +/- 0,5°C (at 25°C), rapid conditioning
10613	Paper web adapter
12106	LF_TT Precision humidity and temperature LF_TT sensor for compressed air sensor head including coupling for compressed air and 2 meter connection cable
12168	Activity of water measuring chamber incl. moisture and temperature sensor with 2 meter connection cable
11368	Pt1000 Universal handheld temperature sensor
11988	Wall mount
10249	Stainless steel sinter sensor cap
11733	Thermo printer runs by battery, industrial model, portable
10006	Calibration equipment for instruments for probe
10005	Certified calibration ampoules - set of 5. 2 x 35% rh, 1 x 50% rh, 2 x 80% rh
10352	Certified calibration ampoules - set of 5, 50% r.h.
12260	Bluetooth data communication module with serial interface RS232
12166	Analog output module
12309	Relay output
12167	Conversion of analog signal into ProfibusDP