

# THERMOHYGROMETER-HD1



## INDOOR AIR MONITORING

THERMO HYGROMETER FOR EASY READING

- Bench-top & wall display for humidity, temperature and dew point
- MAX/MIN/AVG function
- Audible & visual alarm
- Time & Date
- Easy use
- Industrial accuracy
- Outstanding value for money

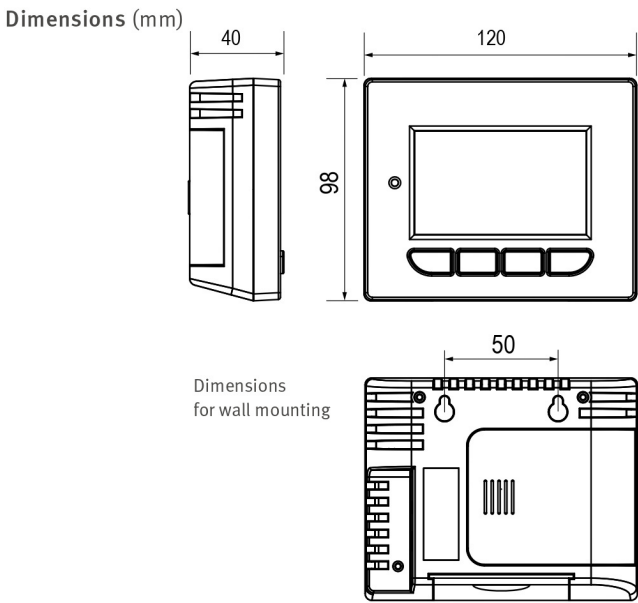


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MEASUREMENT SOLUTIONS

HD1 THERMO HYGROMETER

TECHNICAL INFORMATION

The compact HD1 thermo hygrometer display is ideal for control of temperature, relative humidity and dew point in cabinets, rooms or your work environment. You can mount the HD1 easily on the wall thanks to its integrated fastening points or set it up on a flat surface at your workplace.



| General                           |                                                                                                                                                                                                      |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                              | Wall or bench-top display                                                                                                                                                                            |
| Parameters                        | Relative humidity and temperature                                                                                                                                                                    |
| Range of application              | 0...50 °C / 0...95 %RH, non-condensing                                                                                                                                                               |
| Power supply                      | 4 x AA batteries                                                                                                                                                                                     |
| Battery lifetime                  | About 1 year                                                                                                                                                                                         |
| Dimensions                        | 98 x 120 x 40 mm (H x W x D)                                                                                                                                                                         |
| Housing                           | ABS                                                                                                                                                                                                  |
| Weight                            | 270 g                                                                                                                                                                                                |
| Delivery package                  | Factory certificate<br>4 AA batteries<br>Short instruction manual                                                                                                                                    |
| Technical Information / Functions |                                                                                                                                                                                                      |
| Resolution                        | 0.1 °C / °F / %RH                                                                                                                                                                                    |
| Measurement interval              | 10 s                                                                                                                                                                                                 |
| Humidity Measurement              |                                                                                                                                                                                                      |
| Humidity sensor                   | ROTRONIC HYGROMER® IN-1                                                                                                                                                                              |
| Measurement range                 | 0...100 %RH                                                                                                                                                                                          |
| Accuracy                          | ±3 %RH (@ 25 °C, 10-90 %RH)<br>Remaining range ±5 %RH                                                                                                                                                |
| Temperature Measurement           |                                                                                                                                                                                                      |
| Sensor                            | NTC                                                                                                                                                                                                  |
| Measurement range                 | 0...50 °C / 32...+122 °F                                                                                                                                                                             |
| Accuracy                          | ±0.5 K                                                                                                                                                                                               |
| Dew point calculation             | -20...50 °C / -4...122 °F                                                                                                                                                                            |
| MIN/MAX/AVG                       | MIN:<br>Minimum measurement, shows the minimum value since the last reset<br>MAX:<br>Maximum measurement, shows the maximum value since the last reset<br>AVG:<br>Average value over the last 7 days |
| LED                               | Flashing red:<br>When alarm values have been reached (Hi/Lo)                                                                                                                                         |
| Beeper                            | When alarm values have been reached (Hi/Lo)                                                                                                                                                          |

Would you like more information?  
You can find a complete and up-to-date overview of the HD1 on the internet at [www.rotronic.ch](http://www.rotronic.ch).

ROTRONIC AG, Grindelstrasse 6, CH - 8303 Bassersdorf, Tel. +41 44 838 11 44, [www.rotronic.ch](http://www.rotronic.ch)  
ROTRONIC Instruments (UK) Ltd, Crompton Fields, Crompton Way, Crawley, West Sussex, RH10 9EE, UK, Phone +44 (0)1293 571000, [www.rotronic.co.uk](http://www.rotronic.co.uk)  
ROTRONIC Instrument Corp, 135 Engineers Road, Hauppauge, NY 11788, USA , Phone, +1 631 427-3898, [www.rotronic-usa.com](http://www.rotronic-usa.com)  
ROTRONIC Canada Inc., 236 Pritchard Rd, Unit 204, Hamilton, ON, Canada , L8W 3P7, Phone + 1 905 754-5164, [www.rotronic.ca](http://www.rotronic.ca)  
ROTRONIC Instruments Pte. Ltd., 1003 Bukit Merah Central, 06-31 Inno Centre, Singapore 159836, Phone +65 6376 2107, [www.rotronic.sg](http://www.rotronic.sg)

  
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