

## Thermo-hygrometer

code: C3631



High accuracy thermometer - hygrometer. Audio and optical alarm of measured temperature.  
Minimum/maximum memory. memory of minimum and maximum temperature included traceable calibration certificate. LCD backlight.

Simultaneous reading of temperature and relative humidity, dew point temperature reading selectable, external temperature-humidity probe with 1meter cable. Cable lengths 2 and 4 meters available optionally.

### Technical data

|  |   |
|--|---|
| TEMPERATURE SENSOR                             |   |
| Measuring range                                | -10 to +60 °C   |
| Accuracy                                       | ±0.4 °C   |
| Resolution                                     | 0.1 °C  |
| TEMPERATURE SENSOR - external probe Ni1000     |   |
| Measuring range                                | -50 to +250 °C  |
| Accuracy                                       | ±0.2°C from -50 to +100°C<br>±0.2% from reading from +100 to +250°C     |
| Resolution                                     | 0.1 °C  |
| HUMIDITY SENSOR                                |   |
| Measuring range                                | 5 to 95 % RH  |
| Accuracy                                       | ±2.5 % RH from 5 to 95 % at 23 °C                                       |
| Resolution                                     | 0.1% RH   |
| DEW POINT                                      |   |
| Measuring range                                | -40 to +60 °C   |
| Accuracy                                       | ±1.5 °C at ambient temperature T <25 °C and RH >30 %                    |
| Resolution                                     | 0.1 °C  |
| GENERAL TECHNICAL DATA                         |   |
| Operating temperature                          | -10 to +60 °C   |
| Channels                                       | internal temperature and humidity sensor, 1x external temperature probe |
| Acoustic signalization + backlit LCD           | YES   |
| Measuring interval and display reading refresh | 0.7 to 5 s  |
| Power  | battery 9 V or 12 Vss adaptor with NiMH 9 V battery                     |
| Battery life                                   | approx. 4 months  |
| Protection class                               | IP20  |
| Dimensions (without connectors)                | 191 x 71 x 27 mm  |

|                              |               |
|------------------------------|---------------|
| Weight (including batteries) | approx. 155 g |
| Warranty                     | 3 years       |