

## Thermo-hygro-barometer

code: C4130



High accuracy thermometer - hygrometer - barometer.

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 air relative humidity, dew point temperature and air pressure reading selectable, built-in sensors, barometric pressure tendency for last 3 hours.

### Technical data

|                                                |                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------|
| TEMPERATURE SENSOR                             |                                                                          |
| Measuring range                                | -10 to +60 °C                                                            |
| Accuracy                                       | ±0.4 °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                                                                   |
| ATMOSPHERIC PRESSURE SENSOR                    |                                                                          |
| Measuring range                                | 800 to 1100 hPa                                                          |
| Accuracy                                       | ±2hPa at 23°C                                                            |
| Resolution                                     | 0.1 hPa                                                                  |
| GENERAL TECHNICAL DATA                         |                                                                          |
| Operating temperature                          | -10 to +60 °C                                                            |
| Channels                                       | internal sensor of temperature, humidity sensor and atmospheric pressure |
| 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                                                                  |