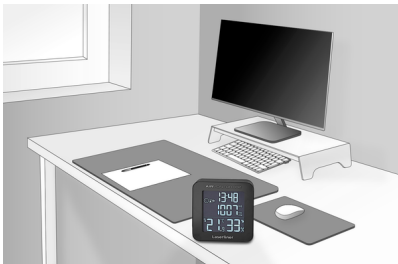# Laserliner

# AirMonitor CO2

## $CO_2$ measuring device for recording and evaluating carbon dioxide levels – with ventilation warning and time, temperature and humidity display

This $CO_2$ measuring device makes a valuable contribution to creating a healthy indoor climate which is an important indicator of potential concentrations of viruses. The greater the proportion of qualitatively poor air, the greater the distribution of viruses and possible subsequent danger being infected by them. The AirMonitor $CO_2$ has a Swiss Sensirion SCD30 precision sensor with NDIR technology and provides continuously reliable results. The indoor air is classified in accordance with DIN EN 13779 as either high, average, moderate or poor quality. This is displayed with an easy-to-understand symbol. A ventilation warning is provided for the two lowest levels in the form of visual and acoustic signals. The device also provides the user with a permanent time, temperature and humidity display. The display can be dimmed and the acoustic signal switched off, for example, for night time use. Other product features include an attractive appearance and easy operation. Applications areas include residential buildings, offices, kindergartens, schools and public buildings.

### TECHNICAL SPECIFICATIONS

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|---|---|
| MEASURED VARIABLE | Carbon dioxide ($CO_2$) concentration<br>Humidity<br>Ambient temperature |
| FEATURES | Carbon dioxide ($CO_2$) alarm<br>Carbon dioxide ($CO_2$) indicator<br>Real-time clock |
| MEASURING RANGE AMBIENT TEMPERATURE | -9,9°C ... 50°C |
| ACCURACY AMBIENT TEMPERATURE | ± 1°C |
| MEASURING RANGE HUMIDITY (RELATIVE) | 0% ... 100% |
| ACCURACY (ABSOLUTE) HUMIDITY (RELATIVE) | ± 3% (30% ... 70%)<br>± 5% (0% … 30%, 70% … 100%) |
| CARBON DIOXIDE ($CO_2$) MEASURING RANGE | 400 … 9999 ppm |
| CARBON DIOXIDE ($CO_2$) ACCURACY | ± 50 ppm |
| SENSOR TYPE | NDIR $CO_2$ |
| POWER SOURCE | Power adapter 5V/DC / 1A |
| UNIT OF MEASUREMENT | % rH (relative humidity)<br>°C (Celsius)<br>ppm |
| DIMENSIONS (W X H X D) | 90 mm x 91 mm x 33 mm |
| WEIGHT | 130 g (without power supply) |

$CO_2$

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| AirMonitor CO2 | **ORDER NO.** 082.427A | **EAN-CODE** 4021563717453 | **PU** 1 |