

CO₂ MONITORING DEVICE

This monitoring device provides you with real-time information about the exact level of carbon dioxide (CO₂) in a room.

- Remote digital display - Traffic Light Display
- Wall attachment
- Displays the level of CO₂, temperature and humidity level
- Audible alarm when the threshold limit is exceeded, can be switched on and off
- Warranty: 2 years
- Dimensions: 38.8 x 28.8 x 4.3cm



This device is ideal for monitoring the air quality in rooms.

According to the National Association for the Preservation and Improvement of Air Quality, air contains 0.04% CO₂ on average. From a certain concentration in air, this gas can be hazardous and even fatal. The exposure limit value is 3% over a maximum period of 15 minutes. This threshold should never be exceeded. Above it, the health effects become more serious as the concentration of CO₂ increases:

- At 2% CO₂ in air, respiratory amplitude and difficulties increase.
- At 4%, respiratory rate increases.
- At 10%, there may be visual disturbances, tremors and sweating.
- At 15%, there is sudden loss of consciousness.
- At 25%, respiratory arrest leads to death.



A high concentration of CO₂ over a long period of time can cause multiple symptoms harmful to the room's occupants: lack of concentration, fatigue, irritation, headaches, etc. According to the Agency for Food, Environmental and Occupational Health & Safety (ANSES), the regulatory limit values for CO₂ concentrations internationally range from 1000 to 1500 ppm.



- CO₂ concentration display: 3 levels: Low – Intermediate – High
- The alarm, which can be switched on and off, quickly alerts the people in the room if the level of CO₂ is too high.

Useful tip: immediately ventilate the room in order to reduce the concentration of carbon dioxide.

Technical specifications

Measured parameters	CO ₂ Temperature Humidity level
Value min max CO ₂	0 – 9999 ppm
Value min max temperature	-10°C – 100°C
Value min max humidity	0 – 99,9 % HR
CO ₂ tolerance	± 70 ppm
Temperature tolerance	± 6 °C
Humidity tolerance	± 3 %
Power supply	220 V – 2A – (adapter included)
Alarm	Can be switched on and off
Attachment	Wall attachment
Dimensions	38,8 x 28,8 x 4,3 cm
Weight	2,4 kg
Warranty	2 years



Call: 01 282 9404 / 085 2576 590

Email: info@ecohealthcare.ie

www.ecohealthcare.ie