



Keeping a low CO2 level helps with:

- Reducing the risk of infection from airborne virus like COVID-19
- Mental function and acuity
- Make sure your ventilation system and air exchanger are working properly



Model D

Simple CO2 sensor with built-in battery

An easy-to-use, affordable and accurate CO2 sensor.

- CO2 via dual-beam NDIR (Sensirion SCD-30)
- CO2 level, temperature and humidity per minute on an easy-to-read E-Ink display
- About 20 hours of battery operation
- Data from the last 5 days easily downloadable
- Possibility of an audible alert when the CO2 level exceeds a configurable threshold
- Charging via USB-C port (CAN/US or EU power supply included)
- Ability to update firmware when available

Characteristics	
Dimensions	44mm x 60mm x 38mm
Construction	Black resin case (3D printed)
Operating range	0 °C to 60 °C
Battery	390mAh LiPo with an autonomy of about 20 hours
Power	USB-C (adapter included with purchase)
Connection	Firmware update and data transfer is done through a 2.4GHz Wi-Fi connection
Screen refresh	Fixed at 60 seconds
Recording of readings	Fixed every 15 minutes for up to 5 days (480 readings)
Wall fixation	Optional
Desktop stand	Optional

CO2 probe	
Technology	Dual-beam NDIR (Sensirion SCD-30)
Range	0 to 40000 ppm
Precision	± 30 ppm (+3% VM) (25 °C, 400 - 10'000 ppm)

Temperature probe	
Range	-40 °C to 70 °C
Precision	± (0,4 °C + 0,023 x (T [°C] - 25°C))

Humidity probe	
Range	0 - 100 % HR
Precision	±3% HR (0-100% HR)