

KEY FEATURES

- Real time air quality monitoring
- Infrared NDIR sensor
- CO² measuring range of 400 - 5000PPM
- CO² resolution of 1 PPM
- Temperature range of -10 to 50 ° C
- Temperature accuracy of ± 1 °C
- With humidity range of 20% - 85% RH
- Humidity accuracy of ± 4 % RH
- Sampling time of 1.5 seconds
- Bright LCD display
- Colour coded warning system
- Low battery indicator
- CE certified
- In line with UK HSE guidelines
- Charge via micro USB port
- Suitable for flat surfaces



PRODUCT DESCRIPTION

The DM89 CO² Indoor Air Quality Carbon Dioxide Monitor combines real-time monitoring with a clear, easy-to-read multi-line display. Thanks to the incorporated infrared (NDIR) sensor the DM89 can measure CO² between 400 to 5000ppm with a resolution of 1ppm, temperature between -10° to 50°C with an accuracy of ± 1 °C and humidity anywhere from 20% to 85% accurate to ± 4 % RH. Bearing a CE marking, this air quality monitor is fully compliant with the UK HSE guidelines for managing the risk of indoor aerosol transmissions.

Featuring a sampling time of 1.5 seconds and a useful low battery warning, the DM89 is a compact yet lightweight device ideal for any flat surface. To avoid inaccurate measurements or skewed readings, ensure air intake areas aren't covered and when cleaning, do not use any solvents which may leave residual fumes. The full colour LCD screen includes a simple traffic light warning system and is charged via a micro USB port.

SPECIFICATION

CO² Measurement

- Measuring range: 400-5000PPM
- Sensor for CO₂ : Infrared (NDIR)
- Resolution: 1 PPM

Temperature & Humidity

- Measuring range: -10 to 50 ° C
- Measurement accuracy: ±1 °C
- Humidity range: 20% to 85% RH
- Measurement accuracy: ±4% RH

General

- Display method: Common Screen display
- Atmospheric pressure: 86Kpa - 106Kpa
- Detection method for CO₂: Infrared (NDIR)
- Sampling time: 1.5 seconds
- Product Size: 95 x 100 x 52mm
- Storage temperature: -10°C to 60°C
- Concentration unit for CO₂: PPM
- Power source: Lithium battery with 1600 mAh capacity
- 5V DC power charging via micro USB port
- Product weight: 150g

KIT CONTAINS

- DM89 CO² Indoor Air Quality Carbon Dioxide Monitor
- Micro USB charging cable
- Product Manual