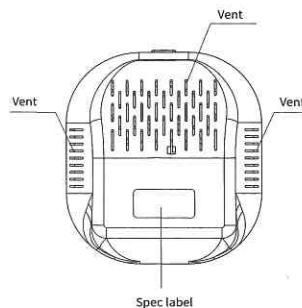
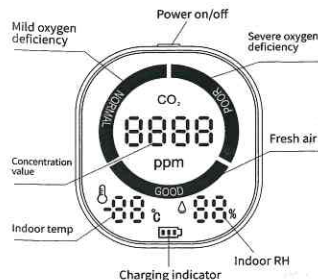


User Manual of CO2 Detector



CO2-3

Appearance



Power on/off

Power on: Press and hold the top button of the device for 3 seconds to power it on; if the device is not powered on, please charge it.

Power off: Press and hold the top button of the device for 3 seconds to power it off.

Charging

The device has a built-in lithium battery, and please use the power cord provided along with the device for charging.

Features

Features: CO2, temperature, humidity detection

CO2: it is commonly present as a compound in the atmosphere, accounting for about 0.04% (400 ppm) of the volume of the atmosphere, and usually produced in burning of organic compounds, the respiratory action of cells, the fermentation of microorganisms, etc. The carbon dioxide in indoor environment is mainly from human breathing.

Temperature and relative humidity

The apparent temperature depends on several factors, such as air temperature, thermal radiation, relative humidity, wind speed, human activity and health status, clothing, etc. Among them, temperature and relative humidity are two important factors affecting human comfort. We generally feel comfortable at the temperature of 20 °C to 24 °C and a RH of 30% to 60% in winter and at the temperature of 23 °C to 26 °C and a RH of 25% to 60% in summer.

Parameters

Product Model	CO2-3
Features	CO2 concentration/temperature/humidity detection
Detection Technology	Non-dispersive infrared absorption (NDIR)
Detection Method	CO2 gas sensor/temperature and humidity sensor
Range Of Application	400-5000PPM
Unit	PPM/°C/%RH

Tolerance Of Accuracy	CO2 concentration: $\pm(50\text{ppm}+5\%\text{Readings})$
	Temperature: $\pm 0.3^{\circ}\text{C}$
	Humidity: $\pm 2\%\text{RH}$
Power Supply	USB/lithium battery
Response Time	<120S
Value Update Time	<3S
Battery Capacity	1600mAh
Dimensions Of Product	90X80X40(mm)
Net Weight	113g
Dimensions Of Display	84 X 74(mm)
Display Mode	Digital display
Operating T Emperature	-10 °C → +50 °C

CO2 Concentration Indication	GOOD: 400-1000ppm
	NORMAL: 1001-2000 ppm
	POOR: 2001-5000 ppm

Product list

- Detector: 1
- USB cord: 1
- Manual: 1
- Qualified Certificate: 1

Notes

- The device is not waterproof and dust-proof.
- Keep the air inlet and outlet unblocked when used to ensure an accurate result.
- Do not use the device in hot work in order to avoid explosion.
- Do not disassemble or modify the device, please contact us to repair it if needed.