CO₂ *Detector*

Operation Instruction

CO₂ Detector

CO₂

Good

709

ppm

0   9999

26.6°C   32.5%

Please read this manual before switching the unit on.
Important safety information inside.

1-Products Description

CO$_2$ detector is a sort of exquisite concise and efficient detector which is integrated with CO$_2$, temperature and humidity detection function. This device has adopted high-precision CO$_2$ Sensor which can detect the CO$_2$ accurately and sensitively. The device is equipped with an accurate sensor that can detect the temperature and humidity at current environment. The operation is very simple. There's a high capacity rechargeable lithium battery inside, it is very convenient to carry, so that we can check air quality from time to time. In order to save the electricity, the device would power off automatically without any button operation in 30 minutes.

2-Characteristics

1-2.4 inches TFT colorful LCD display

2-240*320 pixel

3-Detecting the concentration of CO$_2$

4-Air temperature and humidity

5-Auto Power Off

6-Exquisite outlook and easy to carry.

3-Specifications

CO₂ concentration measurement	
Concentration Range	0~9999ppm
Accuracy	±75 ppm ±5% of reading
Resolution	1ppm
Temperature and humidity detection	
Temperature Range	-20~70°C
Temperature Precision	±2°C
Temperature Resolution	0.1°C
Humidity Range	0~100%RH
Humidity Precision	±3.5%RH(20~80%RH)
	±5%RH(0~20%RH/80~100%RH)
Humidity resolution	0.1%RH
Power	
Battery	1000mAh rechargeable lithium battery
Charging	USB 5V charging
The others	
Displayer	2.4 inches TFT Color display 240*320 resolution
Working temperature	0~50°C
Storage temperature	-10~60°C

4-Function Description

Color LCD

Power ON/OFF Button

Sensor air inlet

5-Power ON/OFF Mode

On the power off mode, press and hold ⏻ button, until the LCD is on, then the unit will power on.

On the power on mode, press and hold ⏻ button, until the LCD is off, then the unit will power off.
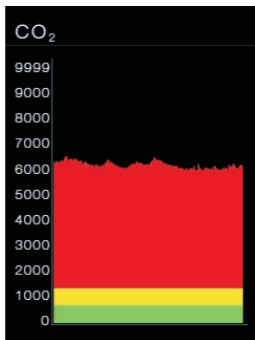
6-Detection Mode

When the device opens, it comes to the detection interface 1 (Pic1), the detection content is the concentration of CO_2 at the present environment. The screen data refresh every seconds. At the upper right of the screen is the device electric quantity, when the battery is in blank, please recharge in time, so that it won't affect the consumers. The numbers in the center of the screen indicates the concentration at CO_2 environment, the color of the number changes according to the different concentration, the corresponding relationship please refer to table 1. At the bottom of the screen, there are 3 colors simulation lines corresponds to the different CO_2 concentration levels. The pointer will point the present concentration level according with the changes under the CO_2 concentration.

Pic 1

When the device comes to the interface 1, please press the ⏻ button, the device will switch to interface 2(Pic 2). The histogram indicates the concentration under the present environment. Users can check the present CO_2 concentration and tendency through this interface.

Pic 2

When the device comes to interface 2, please press the ⏻ button in a short time, the device will switch to interface 3 (Pic 3), this interface will show the company two-dimensional code, users can get into the company website to get more info through scanning the two-dimensional code. On this interface, please press the ⏻ button again, the device will switch back to interface 1.

Pic 3

7-Maintenance

Maintenance and service is not involved in this brochure, the products must be maintained by the professionals.

Please replace the specified components

If there are any changes in the brochure, please refer to the device without notice.

8-Attentions

*1-*In order to avoid massive granules dust getting into the device, please don't use it in the obviously dusty environment.

*2-*In order to keep accurate, please do not use it in heavy fog weather.

*3-*Do not use it in the explosive environment.

Please operate according to the operation instruction. Please do not disassemble without approval.

9-Attachment

CO_2 concentration corresponds to colors showed by the device.

CO_2 concentration level	Concentration range of CO_2	Corresponding colors
Good	<800ppm	Green
Normal	800~1500ppm	Yellow
Poor	>1500ppm	Red