

Semiconductor sensor Formaldehyde detector

Product Introduction

Please do confirm whether the air quality detector is in good condition and the accessories are complete after opening the package



D7

Product Details



Instructions

1. How to turn on the power

Long press the power button to turn on the power. It takes about 35 seconds for the measurement to stabilize. After that, it is automatically measured and the measured value is displayed on the screen.

2. How to turn off the power

Press and hold the power key in the power button in the power-on state to turn off the power supply.

3. How to adjust the screen brightness

Press the M KEY to switch the third gear screen brightness

4. HOW to switch between Celsius and Fahrenheit

Press the power button to switch between Celsius and Fahrenheit

5. How to turn off the alarm clock

ON

OFF

Declaration on formaldehyde concentration warning standards

The color concentration displayed on the screen is shown below.

Concentration warning display guidelines

	Green	< 0.100mg/m ³
	Yellow	> 0.100mg/m ³
	Orange	> 0.500mg/m ³
	Red	> 0.600mg/m ³

A Definition of TVOC

TVOC refer to volatile organic compounds. TVOC is one of the three kinds of indoor air quality pollution. The form that can evaporate at normal temperature exists in the air. Its toxicity, irritability, carcinogenicity and special odor will affect the skin and mucosa and cause acute damage to the human body.

On the definition of formaldehyde

Formaldehyde can combine with protein, can cause damage to the skin, respiratory tract and internal organs, anesthesia of the central nervous system. Formaldehyde can combine with protein, can cause damage to the skin, respiratory tract and internal organs, anesthesia of the central nervous system.

Definition of semiconductor sensors

The semiconductor sensor detects the change in the resistance generated by the reaction of oxygen on the surface of the superheated metal oxide semiconductor with other molecules as the concentration of gas. It has the characteristics of good selectivity, strong anaerobic dependence and long service life.

Product specifications

Product name: Formaldehyde detector
 Product size: about W85mm x D51mm x H17mm
 Product weight: about 75g
 Material: ABS+PC
 Display: LCD display
 Preparation time: about 35 seconds
 Refresh rate: about 2 seconds
 Calibration: manual calibration
 Formaldehyde concentration measurement range: 0-9.999mg/m³
 Number precision: ±(0.001mg/m³+5%)
 CO2 concentration measurement range :400-5000ppm
 TVOC concentration measurement range :0-9.999mg/m³
 Operating temperature: -20 ~ 60
 Working humidity: 0-95%RH
 Battery capacity: 1000mAh lithium ion battery
 Working humidityCharging method :USB Type C
 Input voltage : DC5V0.5A
 Use time: about 8 hours
 Charging time about 4 hours

Product detail : CO2 Detector xl USB data cable x 1 instruction manualx 1

Precautions for use

Please pay attention to the following matters before using this product.

1. Please use the USB charger sold in the package to charge this product.
2. Do not block the ventilation holes, as this may affect the measurement accuracy.
3. For long-term use, please do not use it frequently in dusty environments and other places with poor air quality.
4. Do not use this product in a high temperature/high humidity environment or an environment nears strong magnetic field. It may cause damage to the product.
5. Hold the product vertically during measurement to ensure correct measurement.
6. This product has no waterproof function.



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