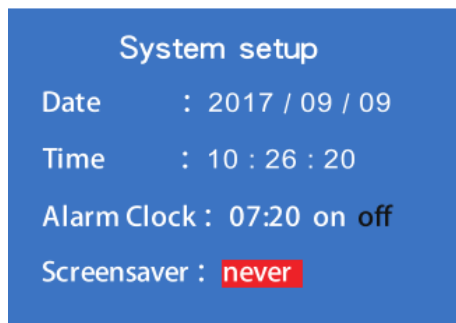


Settings:

Double-press the power button to enter the system settings interface:

You can set the value by pressing UP and DOWN buttons , and the device can save settings automatically. if you want to move next setting , you need to press Power button , then it will move to next . You can do settings for Date , Time , Alarm Clock , Screen saver.



About the Screen saver settings:

There are four options: never, 10 minutes, 30 minutes, 60 minutes.

CO2 air quality grade range			PM2.5 air quality grade range		
Air quality grade	CO2 average standard value (PPM)	Color	Air quality grade	PM2.5 average standard value (ug/m3)	color
Excellent	≤1000	Green	Excellent	≤60	Green
Good	1001 - 3000	yellow	Good	61 - 120	yellow
Poor	>3000	Red	Poor	>120	Red

AQI air quality grade range			TVOC air quality grade range		
Air quality level	AQI average standard value	color	Air quality level	TVOC average standard value (mg/m3)	color
Excellent	≤100	green	Excellent	≤0.500	green
Good	101 - 300	yellow	Good	0.501 - 1.500	yellow
Poor	>300	Red	Poor	>1.500	Red

CO2 air quality grade range

Air quality grade    CO2 average standard value (PPM)    Color

Excellent    ≤1000    Green

Good    1001 - 3000    yellow

Poor >3000 Red

#### PM2.5 air quality grade range

Air quality grade PM2.5 average standard value (ug/m3) color

Excellent  $\leq 60$  Green

Good 61 - 120 yellow

Poor >120 Red

#### AQI air quality grade range

Air quality level AQI average standard value color

Excellent  $\leq 100$  green

Good 101 - 300 yellow

Poor >300 Red

#### TVOC air quality grade range

Air quality level TVOC average standard value (mg/m3) color

Excellent  $\leq 0.500$  green

Good 0.501 - 1.500 yellow

Poor >1.500 Red

#### Chapter Six Precautions

1. This instrument is a precision instrument. When use it please avoid to contact with alcohols, perfumes

and other alcohols. HS.co. so. fumes and other gases, or will affect the accuracy of testing.

2. Please keep the living room, bedroom other indoor rooms closed 12 hours before you detect the air, It

will be more responsive to real pollution levels. Please select the average value from different detect

points, then the data can be more accurate.

3、The instrument adopts sampling mode through the free circulation and diffusion of air, and the air

quality is different when the different time it enters the detector. So it is normal that the values go up

and down for the same detection point.

4、Do not blow or block the sensor detection port of instrument. This will interfere with the normal

operation of the instrument.

5、The instrument is a precision instrument, please do not disassemble the housing and internal devices

by yourself.

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#### Chapter Seven Product Specifications

Product Name: High precision multi-function air quality monitor

Dimensions: 131\*78\*67.5 CM

Working temperature: -10 - 50 ° C

Input specification: 5V/2A

Charging interface: Micro USB

Display mode: TFT Screen

Working humidity: 20%

Battery capacity: 3000mAh

#### TVOC technical indicators

Measuring range: 0.000-9.999mg/m<sup>3</sup>

Measurement accuracy: ±10%

Resolution: 0.001mg/m<sup>3</sup>

Measuring principle: semiconductor

#### PM2.5, PM1.0, PM10 technical indicators

Measuring range: 0-999mg/m<sup>3</sup>

Measurement accuracy: ±10%

Resolution: 1µg/m<sup>3</sup>

Measuring principle: laser light scattering

#### Temperature and humidity technical indicators

Measuring range: 0-50 °C

Humidity range: 20%-90% RH

Measurement accuracy: ±1 °C

Measurement accuracy: ±4% RH

#### CO<sub>2</sub> technical indicators

Measuring range: 0-5000PPM/m<sup>3</sup>

Measurement accuracy: ±10%

Resolution: 1PPM/m<sup>3</sup>

Measuring principle: ±5% RH

#### Chapter Eight packing list

Main device \* 1

Charging cable \*1

Package Box \* 1

User manual \*1

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Multi-function Air Quality Monitor

User manual

Please read the user manual carefully before using this product and keep it in a safe place.

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## Chapter One Product Introduction

This is a detector monitors CO2 PM2.5 PM10 PM1.0 TVOC and temperature humidity. Using advanced air quality analysis technology, through four high-precision independent sensors and computing chips, measure the data instantaneously and accurately, and immediately converted them into intuitive data, timely reflect the air pollutant content, allowing you to easily control the air quality. This instrument is suitable for use in household, vehicle and public places.

## Chapter Two Function Description

1. 4.3 inch large screen TFT LCD display
2. Support dust detection of PM2.5 P1.0 PM10
3. Support CO2 detection
4. Support TVOC mixed gas detection
5. Time calendar function
6. Alarm clock function
7. Support a variety of interface choices, user-friendly design
8. Built-in large capacity lithium battery, including USB charging cable .
9. Support temperature and humidity test
10. Display air quality index AQI Data .

## Chapter Three Usage

- 1、 Initial use: The instrument is factory-calibrated by professional equipment.

The first time when you use the instrument, the datas on the screen may be higher at first., which is normal. Please take the instrument to the outdoor ventilation for 30 minutes, then it works normally.

- 2、 Operating Instructions

- 1) Switching machine: Long-press the Power button more than 3 seconds to boot.

Press and hold the power button to turn off the power automatically.

- 2) Charging : Insert the charging cable into the USB port of the charger and the Micro USB port at the back of the instrument. You can see the the charging symbol at the upper right corner, Full charging time need about 2-3 hours.
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Chapter Four Product Schematic diagram



AQI PM2.5 Alarm Clock Power TVOC CO2 Humidity Temperature PM1.0 PM10

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Chapter Five Mode of Operation

Interface 1

This is the main interface,the different background colors reflect different test values.

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Interface 2

This interface display test values of AQI PM2.5 PM1.0 PM10 CO2 TVOC, etc. .

Interface 3

The first time is recorded after boot 30 seconds,the interval time is 20 minutes.  
It Cumulates the test results of the latest 8 hours.