USER   MANUAL(JSM-136S)

Basic Parameter

Technology：airflow detection	Temperature range：-15-50
Display Mode：LCD＋LED backlight	Humidity：15-90%HR
Size：122mmX74mmX61.5mm	Float：+1 -1 2%
Voltage: 5V	Capacity：2000 mah

Test Data

	Range	Resolution	Float	Mean value
PM 2.5	0-2000ug/m3	1	-1 +1	60 minutes
PM 10	0-4000ug-m3	1	-1 +1	30 minutes
HCHO	0-9.999 mg/m3	0.001	2%	60 minutes
TVOC	0-99.99 mg/m3	0.001	2%	30minutes
Temperature：-15-50	**Humidit：**15-90%HR	**Tim:**on - - - the clock		

Pollution level

Level show	Optimal(green)	Good(green)	Pollution (Yellow)	Serious(Red)
PM2.5	0-50ug/m3	50-100ug/m3	100-200ug/m3	200-2000ug/m3
PM10	0-85 ug/m3	85-150ug/m3	150-300 ug/m3	300-4000ug/m3
Formaldehyde	0.000-0.100 mg/m3	0.100-0.200mg/m	0.200-1.000mg/m3	1.000-9.999mg/m3
TVOC	0.000-0.600 mg/m3	0.600-1.500mg/m3	1.500-3.000mg/m3	3.000-99.99mg/m3

How many accessories in device?

1pc: Formaldehyde Sensor; TVOC Sensor;PM2.5 Sensor;PM10 Sensor;Alarm;Temperature Sensor; Humidity Sensor;Power saving; Calendar module;light source component;LCD screen;Record elimination component.
Built-in fans
Others: 4pcs Pollution level lamp;DATA reset;The mean value of PM2.5/Formaldehyde in 1hours; The mean value of TVOC/PM 10 in 30mins; built-in battery(2000mah)

What's in the box？

1*Air Quality Detector	1*Power Adapter	1*USB Cable	1*User Manual

How to use the button?

1.Poweron/off button ⏻ ：	**Press** ⏻ **3sec to turn on/off(quickly press the button will lock the real-time record** **Of M2.5/PM10/ug/m3 or HCHO/TVOC/mg/m3, Re-press will restore to normal)**
2.Set time button 🕐：	Press 🕐 choose clock，press 🔊 or ◗ to add or minus **(press** 🕐 **3 secs to switch PM25/PM10 toHCHO/TVOC show.）**
3.Alarm button 🔊：	**Press** 🔊**open/close Alarm buzzer（press** 🔊**10 sec device to factory setting）**
4.Power saving butto ◗ ：	**Press**◗**Open/close backlight。（press**◗**3 sec,HCHO/TVOC record to zero）**

1.   Users can choose single point detection or more points:
Single point detection is to place the monitor in a fixed place for a long time air quality detection, and at any time to view the monitor real-time detection by the quality of testing data.
Multi-point inspection is multiple locations in turn, at the same time to check the monitor real-time detecting the location of air quality test data.(note: if after testing a site need to detect the next place, can be in front of the testing manual reset before will monitor the testing data, note: experiment/formaldehyde TVOC data reset press + 3 seconds long, PM2.5 PM10 data   long - key more than 3 seconds to reset.

2. As for home or car for testing:

Family detection: please close the doors and Windows before detection, and close the fan, air conditioner, air purification equipment and so on, to ensure that no pollution into the indoor, outdoor place the monitor in the family as a need to detect the location of the monitoring, detection, need 10 to 60 minutes long so detected data without interference is accurate and effective. If you need to test the furniture: the monitor can be placed in the cabinet, drawer and other objects in testing, the testing time about need 3 to 10 minutes

3. Monitor the air sampling natural flow diffusion modes, such as the monitor in place for a long time testing, testing data is 0.000 or 000 or greater fluctuations testing data, the user can choose to place the monitor to the ventilation or air quality is a good place, monitor collection health fresh air value of 1-3 hours after use, can also be manual calibration instrument (factory default) after use.

4. Any sensing instruments in the process of work of different level will suffer the interference, SO that the user use the process of monitor, monitor long time please try to avoid contact with the following material: alcohol, paint, printing ink, aldehydes, benzene, HS/CO/SO/NO smoke, high concentration of dust, etc. In order to avoid to monitor accuracy and cause irreversible damage to the service life.

 5. Monitor the air sampling way of natural flow type, indoor and outdoor air in the flow, different time, the site test data belongs to normal, the different temperature and humidity of the air quality plays a role of a

qualitative and influence. So different time, place, different temperature and humidity fluctuations detected data belong to normal. Real-time data is ordinary, suggested that the mean for a long time to see monitoring records.

This monitor has the operation simple easy to use fast accurate, etc. This monitor for civilian products do not compared with specialized experimental instrument

Using the required:

1. Before use, please connect the battery into the monitor or monitor mobile power supply, can also use mobile phone chargers have electricity power supply to ensure that the monitor boot.

2. After using this detector boot need 120 seconds is timing monitor preheating process, users need to be patient. Preheating is limited to formaldehyde experiment/TVOC sensor.

3. After the first use the boot after 120 seconds preheating, such as testing data on the high side, floating up and down, 0.000 or 000 belongs to the normal, please move the monitor to the air flow is benefit or air quality good place 1-3 hours, monitor returned to normal after safety data is used, also can be manual calibration instrument or instrument data reset after use.

Attention.

1. Please don't put inside the liquid flow into the monitor in order to avoid damages to the monitor motherboard and monitor internal components, more do not place the monitor for a long time in high consistency, high gas, smoke, dust environment, in order to avoid damages to the original monitoring sensors to high precision, and reduces the precision and service life of the monitor.

2. The user, please do not remove the monitor, secretly if you have trouble please contact the manufacturer or purchasing dealers.

3. The place for a long time monitoring, it is recommended that connect the power supply work.(note: the user can use the cell phone charger and mobile power supply.)

Instrument overview.

1. This instrument is a professional high-precision multi-function detector, built-in high-speed 4 nuclear 64 - bit processors, used in imported famous brand y precision sensors, adopts world advanced processing technology.

2. This monitor can detect: temperature, humidity, an experiment of formaldehyde, TVOC, PM2.5 and PM10) toluene and other harmful chemical volatiles and pollutant in the air, carbon dioxide, carbon monoxide, smoke, fog, dust, alcohol, glue, paint, ink, such as perfume, all have good detection effect.

3. The instrument appearance designed by the famous master heart-to-heart design, design key in household, office, business, government, schools, etc..

PM2.5/PM10 Testing model

- vent
- 60mins average value
- Real-time detecting data
- 30mins average value
- Temp
- Real-time detecting data
- Humid
- Calendar/Time
- Cal/Time button(long press 3sec to switch testing mode)
- Power saving button(long press 3sec to clear HCHO/TVOC data)
- Alarm Button
- ON-OFF button