空气质量检测仪
说明书

3 合一

5 合一

6 合一

新款 6 合一

9 合一

10 合一

12 合一

CE FC PSE RoHS

尊敬的客户

感谢您的购买！作为一个可靠的生产厂家，我们致力于提供让所有客户满意的产品和服务！因此，我真诚地希望这样的购物经历能给你一个快乐的回忆。

尽管您的满意是我们的宗旨，但一些不可预见的情况可能不可避免地将发生。如果您对我们的产品不满意，请立即联系我们，您想提供任何建议，或您对我们的服务有其他要求。我们承诺尽最大努力为您提供满意的解决方案。

01 仪器综合介绍：

打开包装时，请确认空气质量监测器是否完好，附件是否齐全；本产品自带电池，第一次使用前请先充电 30 分钟，然后按任务功能键开机；避免长时间运输等原因导致电池耗尽；请在使用前对产品进行校准。

多功能空气质量检测仪是一种多功能智能家用小型空气质量监测设备。测量数据只能作为家庭空气环境变化的参考。

提醒：此类测试仪为家用产品。测试数据仅供参考，不能用作任何基础数据使用。

02 产品型号及功能： ★具备该功能

产品型号 / 检测项目	检测范围	3 合一	5 合一	6 合一	新款 6 合一
甲醛/HCHO	0-9.999mg/m3		★	★	★
有机污染物/TVOC	0-9.999mg/m3			★	★
颗粒物/PM2.5	0-999ug/m3		★	★	
颗粒物/PM10	0-999ug/m3				★
一氧化碳/CO	0-999ppm				★
二氧化碳/CO2	400-5000ppm	★	★	★	★
温度	0-50℃	★		★	
湿度	0-99% RH	★		★	
空气质量指数/AQI	0-500				
WIFI 功能					
日期和时间					
参数曲线图					

★具备该功能

产品型号 / 检测项目	检测范围	9 合一	10 合一	12 合一
甲醛/HCHO	0-9.999m/m3	★	★	★
有机污染物/TVOC	0-9.999m/m3	★	★	★
颗粒物/PM2.5	0-999ug/m3	★	★	★
颗粒物/PM10	0-999ug/m3	★	★	★
一氧化碳/CO	0-999ppm	★	★	★
二氧化碳/CO2	400-5000ppm	★	★	★
温度	0-50℃	★	★	★
湿度	0-99% RH	★	★	★
空气质量指数/AQI	0-500	★	★	★
WIFI 功能		★	★	★
日期和时间		★	★	★
参数曲线图			★	★

03 附件列表：

主机 1
USB TYPE-C 充电线 1
说明书 1

04 仪器的基本参数：

应用技术：半导体及红外检测技术/激光及半导体检测技术
显示模式：LCD/TFT 彩色屏幕数字显示
产品规格：70*35*90mm
产品净重：130g
产品毛重：185g
包装尺寸：145*100*48mm
工作电压：5V
充电方式：USB 500mA Type-C 接口
充电时间：约 4h
待机时间：约 300-360 分钟（内置多个传感器，功耗大）
电池容量：1200mah/2000mah 聚合物锂电池

05 按键操作方法：

1.开关机：长按 3 秒打开关闭

2.按下一次可在华氏度和摄氏度之间切换（对应机型）

3.如果数据出现异常或偏高，快速按三次电源键校准 TVOC CO2 HCHO CO 数据，快速按六次电源键校准 PM2.5 PM10 数据（此操作只适用于 6 合一机型）

4.10 合一，12 合一 操作方法如下：
（1）长按开关机

（2）单击 1 次打开/关闭蜂鸣器

（3）单击 2 次切换温度单位℉/℃

（4）单击 3 次进入菜单栏后：进入菜单栏后，单击 1 次选择下一项，单击 2 次确认，单击 3 次退出。

（5）进入曲线界面之后：单击 2 次进入主界面，单击 3 次进入菜单界面

（6）进入校正界面之后：对传感器参数进行校准，5 秒钟之后自动退出。
（如果参数出现异常，可通过此操作校正出传感器）

06 关于 APP（针对 9 合一、12 合一产品）

1.应用程序搜索"涂鸦智能"

2.设备将在首次打开进入配对状态，按一次电源键打开 WIFI，WIFI 符号闪烁

3.打开 APP，添加设备，并输入 WIFI 信息，完成连接后可在 APP 上查看具体数据。（因为数据上传需要时间，APP 数据和检测仪实时数据存在偏差属于正常现象）

07 仪器操作常识及注意事项：

在第一次使用本产品之前，请仔细阅读以下说明。

1. 由于本产品使用了高精度的传感器和元件，请将本产品放在没有阳光直射的干燥环境中。

2. 当用户第一次购买和使用本产品时，请将其放置在通风的环境中进行手动校准，或打开电源等待 24 小时后进行自动校准。

3. 使用时勿堵塞进风口。

4. 本产品不具备防水功能，请勿将水或其他液体浸泡或泼洒在上面。

5. 请勿将尖锐、易燃或金属物品插入显示器的进气口，否则可能导致触电和接伤。

6. 长期使用本产品时，请使用电源适配器供电。电池只适用于临时使用。

7. 小心产品掉落或受到严重撞击，可能导致产品无法正常工作。

8. 本产品的检测是定性的而不是定量的，测量值会有一定的偏差。详细情况请参考精度范围。

9. WiFi 图标红灯：处于配对状态，需要与智能手机和无线路由器进行配对。

10. WiFi 图标常亮：正常连接状态。

11.WiFi 图标常亮：正常连接状态。

12. WiFi 图标缓慢闪烁：已经与智能手机配对过一次，但当前网络不正常（例如，配对的路由器没开机）

13. 没有 WiFi 图标。该产品不是 WiFi 版本，或者 WiFi 模块损坏。

14. 如果网络改变，需要重新配对。

15. 一个设备只能与一个智能手机和一个路由器配对，一个智能手机可以与多个设备配对（最多 200 个设备）。

16. 不要撕掉产品紧贴胶部，因为你的呼吸会影响检测器的二氧化碳检测浓度。

免责声明

1. 本手册尽可能全面地描述了产品的使用方法和技术参数，但本公司保留修改本手册的权利，不再另行通知。

2. 由于印刷等原因，手册中的产品外观可能与实际产品略有不同，请以实际产品为准。

3. 本资料仅供参考，并不构成任何形式的承诺。

Air quality detector Instructions

3in1

5in1

6in1

6in1-new

9in1

10in1

12in1

Dear customer

Thank you for your purchase! As a reliable manufacturer, we are committed to providing products and services that satisfy all customers! Therefore, I sincerely hope that such shopping experience can give you a happy memory.

Although your satisfaction is our purpose, some unforeseen circumstances may inevitably occur. If you are not satisfied with our products, please contact us immediately. You want to provide any suggestions, or you have other requirements for our services. We promise to do our best to provide satisfactory solutions as soon as possible.

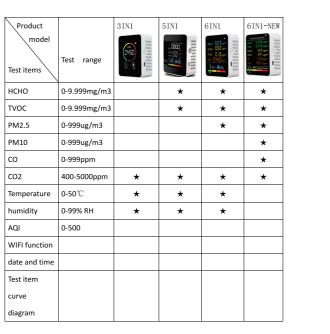## 01 General introduction of the instrument:

When opening the package, please confirm whether the air quality monitor is in good condition and whether the accessories are complete; This product has its own battery. Please charge it for 30 minutes before the first use, and then press and hold the multifunction key to start it; Avoid battery depletion due to long-term transportation and other reasons; Please calibrate the product before use.

Multi-function air quality detector is a multifunctional intelligent household small air quality monitoring device. The measured data can only be used as a reference for the changes in the household air environment.

Reminder: This tester is a household product. The test data is for reference only and cannot be used as any basic data.

02 Product model and function:

★With this function

Product model / Test items	Test range	3IN1	5IN1	6IN1	6IN1-NEW
HCHO	0-9.999mg/m3		★	★	★
TVOC	0-9.999mg/m3		★		★
PM2.5	0-999ug/m3			★	★
PM10	0-999ug/m3				★
CO	0-999ppm				★
CO2	400-5000ppm	★	★	★	★
Temperature	0-50℃	★	★	★	★
humidity	0-99% RH	★	★	★	
AQI	0-500				
WIFI function					
date and time					
Test item curve diagram					

★With this function

Product model / Test items	Test range	9IN1	10IN1	12IN1
HCHO	0-9.999mg/m3	★	★	★
TVOC	0-9.999mg/m3	★	★	★
PM2.5	0-999ug/m3	★	★	★
PM10	0-999ug/m3	★	★	★
CO	0-999ppm	★	★	★
CO2	400-5000ppm	★	★	★
Temperature	0-50℃		★	★
humidity	0-99% RH		★	★
AQI	0-500	★	★	★
WIFI function		★		★
date and time			★	★
Test item curve diagram			★	★

03 List of attachments:

Host 1
USB TYPE-C charging cable 1
Instruction 1

04 Basic parameters of the instrument:

Application technology: semiconductor and infrared detection technology/Laser and semiconductor detection technology
Display mode: LCD/TFT color screen digital display
Product specification: 70 * 35 * 90mm
Net weight of product: 130g
Gross weight of product: 185g
Package size: 145 * 100 * 48mm
Working voltage: 5V
Charging mode: USB 500mA Type-C interface
Charging time: about 4h
Standby time: about 300-360 minutes (built-in multiple sensors, high power consumption)
Battery capacity: 1200mA/2000mah polymer lithium battery

05 Key operation method:

1. Switch on/off: press and hold for 3 seconds to turn on or off
2. Press once to switch between Fahrenheit and Celsius (corresponding model)
3. If the data is abnormal or high, quickly press the power key three times to calibrate TVOC CO2 HCHO CO data, quickly press the power key six times to calibrate PM2.5 PM10 data（This operation is only applicable for the 6-in-1 models）
4.10in1, 12in1 operation method is as follows:
（1）Long press the switch machine
（2）Click 1 time to open / close the buzzer
（3）Click 2 times to switch the temperature unit ℉/℃
（4）Click 3 times to enter the menu bar；after entering the menu bar：Click 1 time to select next item, click 2 times confirm, click 3 times exit.
（5）After entering the curve interface: click 2 times to enter the main interface, and click 3 times to enter the menu interface.
（6）After entering the correction interface：Calibrate each of the sensor parameters，Exit automatically after 5 seconds．（If the parameter is abnormal, the sensor can be corrected by this operation）

06 About APP (for 9IN1 12IN1 products)

1. Application search "TUYA"
2. The device will enter the pairing state after being turned on for the first time. Press the power key once to turn on WIFI, and the WIFI symbol will flash.
3. Open the APP, add the device, and the WIFI information. After connecting, you can view the specific data on the APP. (Because it takes time to upload data, it is normal for APP data to deviate from the real-time data of the tester)

07 Common sense and precautions for instrument operation:

Please read the following instructions carefully before using this product for the first time.
1. Because this product uses high-precision sensors and components, please put this product in a dry environment without direct sunlight.
2. When users purchase and use this product for the first time, please place it in a ventilated environment for manual calibration, or turn on the power and wait for 24 hours for automatic calibration.
3. Do not plug the air inlet when using.
4. This product does not have waterproof function. Do not soak or spill water or other liquids on it.
5. Do not insert sharp, flammable or metal objects into the air inlet of the display, or electric shock and burn may result.
6. Do not put the product close to your face, because your breath will affect the CO2 detection concentration of the detector.
7. When using this product for a long time, please use the power adapter to supply power. The battery is only suitable for temporary use.
8. Be careful that the product falls or is seriously impacted, which may cause the product to not work properly.
9. The test of this product is qualitative rather than quantitative, and the measured value will have certain deviation. Please refer to the accuracy range for details.
10. WiFi icon flashing: it is in pairing status, and needs to be paired with smart phones and wireless routers.
11. WiFi icon is always on: normal connection status.
12. WiFi icon flickers slowly: it has been paired with the smartphone once, but the current network is not normal (for example, the paired router is not open), so it needs to restore the network or pair again.
13. No WiFi icon. This product is not a WiFi version, or the WiFi module is damaged.
14. If the network changes, it needs to be paired again.
15. A device can only be paired with a smart phone and a router, and a smart hand
The machine can be paired with multiple devices (up to 200 devices).
16. Don't put the product close to your face, because your breath will affect the CO2 detection concentration of the detector.

Disclaimers

1. This manual describes the use method and technical parameters of the product as comprehensively as possible, but the company reserves the right to modify this manual without further notice.
2. Due to printing and other reasons, the appearance of the product in the manual may be slightly different from the actual product. Please refer to the actual product.
3. This information is for reference only and does not constitute any form of commitment;