

# Air Quality Monitor Instruction Manual

## Product Specifications

- Display method : Digital tube display
- Atmospheric pressure: 86Kpa - 106Kpa
- Detection method for PM: Laser Scattering
- Sampling time: 1.5 seconds
- Product Size: 100 x 95 x 47 mm
- Detection PM2.5 : 0-999 ug/m<sup>3</sup>
- Detection temperature: -10°C to 50°C
- Relative humidity: 20% - 85%
- Storage temperature: -10°C to 60°C;
- Concentration unit for PM2.5 : ug/m<sup>3</sup>
- Power source: Lithium battery with 1000 mAh capacity; 5V DC power charging via micro USB port
- Product weight : 168 g

## Product Description

This product is a simple air quality detector that detects Particulate Matter PM2.5, Temperature, and Humidity. As a scientific air quality detection device, it combines dust air sensor with a built-in fan to allow real-time monitoring of PM2.5, temperature, and humidity on its digital LCD display.

## Considerations

Please read the instructions carefully before using this device.  
Please keep the manual handy for quick reference and troubleshooting.

## Precautions

Avoid covering the air intake areas during use to avoid inaccurate measurements.  
Avoid use of solvents to clean the product as residual fumes will skew air quality readings.  
Avoid water or other liquids near the product to avoid electrical damage.  
Do not allow unauthorized modification or repair of this product.

## Features:

- Test variables: PM2.5, temperature, humidity
- Large 1000mAh capacity Lithium battery
- On-board fan to draw in ambient air for more accurate real-time results
- 5V Micro USB charging
- Low battery warning

## Instructions

**1) Operation**  
When you long-press the center power button, the air quality monitor will boot up. It will automatically detect the current PM2.5, temperature and humidity after start up.



- 1) Power Button, used to confirm highlighted options or to turn device on/off by pressing for 3 seconds.
- 2) Battery symbol, showing the battery or charging indicator : when device has enough charged .
- 3) PM2.5 display area, showing the current PM2.5 level.
- 4) Colors symbol : It is based on PM2.5 level .

PM2.5 level	Color
0-75	Green
76-150	Yellow
151-300	Purple
above 300	Red

- 5) Temperature display area, showing the current temperature level.
- 6) Humidity display area, showing the current humidity level.

## About Charging

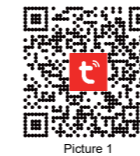
When low battery icon (red) is displayed, the device needs to be charged. Insert the included or another compatible micro USB charging cable into the device. Attach the other end to a USB DC charger (such as a smart phone charger) that outputs DC 5V at >=1000mA. Fully charge for at least 2-3 hours before use. Avoid charging with a USB computerport which only outputs 500mA.

## Product List

- Air Quality monitor x 1
- Micro USB charging cable x 1
- Product Manual x 1

## How to connect your device to an Android or Apple iOS smartphone via Tuya Smart App

1. Download and install the Tuya Smart App through the Google Play Store or Apple App Store. Or to scan QR code (Picture 1) to download the Tuya APP, then registration and login it.
2. Turn on the air quality monitor by long pressing the center button.
3. Connect your phone to a WiFi network and open the Tuya Smart App.
4. Select Add Device, then Click the scan icon in the upper right corner of Tuya interface (Picture 2), and scan the QR code (Picture 3) to connect and follow the instructions of Tuya interface.



Picture 1



Picture 3



Picture 2