

Temptop

P600

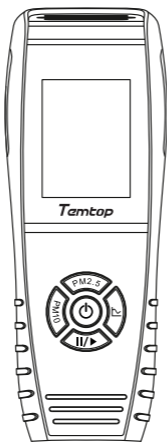
Product Overview

Laser particle detector can accurately detect the air quality. Adopting laser particle sensor, it can directly transform the concentration of pollutants in the air into visual data and provide air quality for you to effectively safeguard the health of your family.

Application Scope

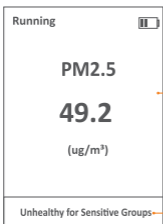
Indoors, Outdoors, Vehicles, etc.

Product Appearance



Display

1) Data View



PM2.5 Concentration

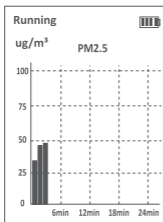
Air Quality



PM10 Concentration

Air Quality

2) Graph View



Operation Method



1. Turn on/off the detector

Press and hold the power button for 2 seconds to turn on/off the detector. No operation for 1h, it will turn off too, except for the recording curve display interface.

2. Detect the concentration of PM2.5, PM10

Turn on the detector and put it in the environment which needs testing, then the system will automatically detect the concentration of PM2.5, PM10.


3. Power indication


The detector has the function of testing the battery power. When it is  , the battery is full; When it shows  , the battery is low. Please charge.

4. Switch of display content

PM2.5 Button: Press it and the system will enter PM2.5 index display interface.

PM10 Button: Press it and the system will enter PM10 index display interface.

 Button: Press it and then the system will enter PM2.5 recording curve display interface.

 Button: Under the mode of "Running" , if you press it, the system will enter detection-pause mode and all values are maintained; Under the mode of "Hold" , if you press this button, the system will reenter real time detection mode.

Product Specifications

- Name: Laser particle detector
- Model: P600
- Display mode: TFT color LCD screen
- Battery voltage: 3.7VDC
- Overall dimension: 177*65.5*32 mm
- Power adapter:
Output voltage: DC5V
Output current: 1A
- Operating environment:
Temperature range: 0-50°C (32-122°F)
Humidity range: 0-90% RH
Atmospheric pressure condition: 1atm
- Measurement index and range:
PM2.5 measurement technical index
Range: 0-999 $\mu\text{g}/\text{m}^3$
Resolution: 0.1 $\mu\text{g}/\text{m}^3$
PM10 measurement technical index
Range: 0-999 $\mu\text{g}/\text{m}^3$
Resolution: 0.1 $\mu\text{g}/\text{m}^3$

Health Parameters Guide

PM2.5 ($\mu\text{g}/\text{m}^3$)	PM10 ($\mu\text{g}/\text{m}^3$)	Level
0.0-12.0	0-54	Good
12.1-35.4	55-154	Moderate
35.5-55.4	155-254	Unhealthy for Sensitive Groups
55.5-150.4	255-354	Unhealthy
150.5-250.4	355-424	Very Unhealthy
≥ 250.5	≥ 425	Hazardous

Operation Notice

- The sensor used to detect PM2.5, PM10 adopts laser detection theory, so objects like battings and hair should be prevented from entering the detector to avoid influencing the accuracy of test data.
- Do not put the detector in the environment where the concentration of particles is more than 500ug/m³ for long time. Long-time exposure to high-concentration air pollutants will damage the sensor and make it work improperly.
- Avoid using the detector in humid environment to make sure the accuracy of test data.
- Avoid bump, strike and drop.
- Do not cover the detection port and air outlet port when using the detector.

Fault Description

Display problem: please check the battery power. If it still cannot display, please contact the service center.

Data problem: Change the test environment and restart the detector. If the problem still cannot solved, please contact the service center.

Packing List

P600 Detector x 1

USB Cable x 1

User Manual x 1

Warranty

Temtop warrants the included detector for 1 year from the date of original purchase. The item can be exchanged or returned within 30 days if the defect is not caused by artificial damage.

Item	Warranty Period
Detector	1 year included
Accessories	N/A

Before return or delivery for repair, please check if the following items are ready:

	Detector & Accessories	Complete Package	Proof of Purchase*	Gift (if any)
Return	✓	✓	✓	✓
Exchange	✓	✓	✓	
Repair	✓		✓	

**Including invoice, order number and etc.*

Temtop warranty does NOT include:

- Malfunction or damages caused by artificial damage or modification.
- Other deliberate damages.
- Damages caused by force majeure.

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