Temtop

Made in China V1.0

Q: why the temperature and humidity readings are not accurate?

A: When using or moving the detector for the first time, it takes time for the internal temperature and humidity to stabilize. Please place it in the same place for 30 minutes to 1 hour to confirm.
When the vent is blocked, the correct temperature and humidity cannot be measured.

Q: How to read face icon on the display?

A:

PM2.5 (μg/m³)		Humidity (% RH)	
GOOD	0-12	COMFORT	30-60
FAIR	12.1~55.4	WET	>60
POOR	> 55.4	DRY	<30

What's Included

P15 Laser Particle Air Quality 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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Laser Particle Air Quality Detector P15

Air Quality Key Factors

PM2.5 (Particulate Matter 2.5) refers to fine particles with diameter of 2.5 micrometers or less. Due to its tiny size, PM2.5 can be absorbed into the bloodstream and the lungs, so that long-term exposure to high concentration of PM2.5, which may cause eye and nose irritation, cough, asthma, emphysema, lung disease, heart attacks, cancer and etc.

Temperature & Humidity may often be overlooked however they do have a significant impact on individual's well-being , comfort, health and safety as well as your valuable possessions. While high humidity may lead to an increase in household air pollutants especially the biological contaminants such as molds, bacteria, viruses, fungi and dust mites; cold, low humidity may cause nosebleeds, skin and respiratory irritations, dyspnea, static electricity shocks and etc.

Warning!

★ Do not place the detector in a heavily polluted environment (particle concentration > 500μg/m³) for long periods of time, otherwise the sensor may be damaged.

★ Do not cover the air inlet/outlet during detection, or allow fluff or hair to enter the detector.

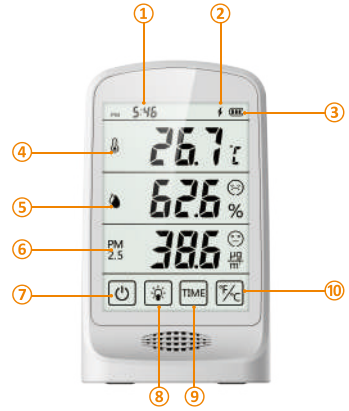
★ Do not use the detector in humid places or in environments with strong odors, to maintain accuracy.

★ Do not disassemble the detector or change its internal wiring to avoid potential damages.

★ Do not use the detector in direct sunlight or facing air conditioner outlets and etc.
Do not use the detector in direct sunlight or directly in front of air conditioning vents, etc.

★ If battery level shows" ", please charge the detector promptly so that it will not be affected during use.(chargeable when turned off).

Overview



① Time	⑥ PM2.5 Concentration
② Charging	⑦ Power
③ Battery Level	⑧ Backlight
④ Temperature	⑨ TIME Set
⑤ Humidity	⑩ °F/°C Set

Operation

1. ON/OFF

Press and hold the ⏻ for 2 seconds to turn the detector on/off. After turned on, it counts down for 10 seconds and the backlight turns on, the temperature and humidity (the default state is displayed in degrees Celsius), and PM2.5 begins displaying readings.
When the battery power level is too low, the icon will flash for 1 minute and then shut down automatically. When it turned on at this time, the backlight does not illuminate, PM2.5 does not work, the screen shows a countdown, after 3 seconds the detector shuts down automatically. If the charger is inserted at this time, It will turn on automatically, otherwise it will return to the off state.

2. Backlight control

The backlight is on for 10 minutes by default, and then turned off.
Press the ☼ to turn the backlight on and off.

3. Time settings

With the power on, press and hold the TIME for 2 seconds to enter the time setting mode, AM will flash and press the °F/°C to switch AM/PM.
Press the TIME a second time, the hour flashes, press the °F/°C to set (increase) the hour and press the °F/°C long to increase quickly.
Press the TIME a third time, the minute flashes, press the °F/°C to set (increase) the minute and press the °F/°C long to increase quickly.
Press the TIME a fourth time, the time stops flashing and the setting is completed (automatic termination after 60s of inactivity and all changes are NOT saved).

4. Temperature unit setting

Press the °F/°C to switch between Fahrenheit/Celsius (the default state is displayed in Celsius after turning on).

5. Charging

When the icon is low, please charge the device in time. When charging in the off state, only the time and power are displayed on the screen.

Specifications

Model: P15

Dimensions: 155 x 92 x 80 mm
6.1 x 3.6 x 3.1 in.

Display: 4.6'' touch screen

Battery capacity: 1800mAh

Battery life: 8h on a full charge

Input voltage/current: DC5V; 1A

Operating environment:
0-50°C(32-122°F);
0-90%RH 1 atm

· Temperature

Measuring range: 0-50°C(32-122°F)

· Humidity

Measuring range: 0-90%RH

· PM2.5

Sensor:
Laser particulate matter sensor

Measuring range: 0-999.9μg/m³

Resolution: 0.1μg/m³

Accuracy: ±10μg/m³ (0~100μg/m³)
±10% (100-500μg/m³)

Frequently Asked Questions (FAQs)

Q: Why is the PM2.5 reading not matching with the government departments' or other organizations'?

A: The PM2.5 data computed by government departments or other organization are the average data values from multi- monitoring points. Hence it is common that the PM2.5 reading at your place/ location is different from theirs.

Q: Why is the PM2.5 reading keeps changing?

A: Because the PM2.5 concentration in the environment is constantly changing. This is not only due to environmental factors such as changes in airflow, humidity, wind direction, etc. But also due to common sources of pollution such as smoking, cooking, exhaust emissions from vehicles, smoke from coal/chimney/stove combustion, etc. All these factors can influence the PM2.5 concentration and lead to differences in the measured values.