

# Particle Counter

- ◆ Latest 6 test record
- ◆ Rechargeable
- ◆ 35s accurate sampling
- ◆ Laser sensor made in Germany
- ◆ Filtering rate ( demo air purifier effective )
- ◆ Save latest 6 test record



## Particle Counter 2.0

Sensor for temperature and humidity show current date when operating the particle counter. This machine can be used both indoor and outdoor.



Particle counter use the imported laser sensor with high sensitivity. All these sensor is very important in the machine

Screen show:

**Result 1:** 0.3 $\mu$ m and 2.5 $\mu$ m  
( quantity for fine particulate matters)

**Result 2:** PM2.5 and PM10  
( Weight for find particulate atters)

**Result 3:** Tempreture, humidity and date.

There have a thoughtful humanization No-Slip rubber edge to avoid the machine drop off, easy hold in hand. We have an aluminium box outside for packing. There is a top handle can easy carry go everywhere you want.

Three buttons, simple operation.

Particle Counter 2.0



Humidity and temperature sensor



Special fiberglass sampling port



Turbofan made in Taiwan



Laser dust sensor made in Germany



Particle Counter



“ Detecting the currently temperature and humidity once device started. 0.3µm and 2.5µm particulate matters quantity will be detected. Two channels testing, according to the number of particles , the value of PM2.5 and PM10 will be calculated.

2015-01-07 04:21:21 100%		PARTICLE (ug/m3)	
TEMP 22.9°C	PM2.5	5	
RH 49.1%	PM 10	5	
		Air quality: <b>Good</b>	
		Sample time: 35s	

  

2015-01-07 04:21:21 100%		PARTICLE (/L)	
TEMP 22.9°C	0.3um	34119	—
RH 49.1%	2.5um	19	—
		Air quality: <b>Good</b>	
		1 st	Sample time: 35s

2015-01-07 04:21:21 100%		PARTICLE (/L)	
TEMP 22.9°C	0.3um	34119	—
RH 49.1%	2.5um	19	—
		Air quality: <b>Good</b>	
		1 st	Sample time: 35s

  

2015-01-07 04:21:21 100%		PARTICLE (/L)	
TEMP 22.9°C	0.3um	34119	87%
RH 49.1%	2.5um	19	80%
		Air quality: <b>Good</b>	
		2 nd	Sample time: 35s



**Comparison:**  
 comparing two detecting result  
 and give how many percent air  
 quality change

Particle counter with lithium battery inside can be charging. Only need 3.5 hours to charge. Here is USB cable and plug use for charging.







Battery working time	10 hours with typical use model. Minimum 3.5 hours continuous sampling.
Screen display	2.4 inches LED display, without drivers and software required
Test number of particles	0.3 $\mu$ m, 2.5 $\mu$ m
Test particle weight	pm2.5, pm10
Additional functionality	Temperature and humidity
Working environment	5 - 45 degree centigrade , less than 90%RH
Accuracy:	0.3 - 2.5 $\mu$ m $\pm$ (15% +400unit/L) 2.5 - 10 $\mu$ m (15% +400unit/L)
Sampling time	35s
Sensor	Laser sensor made in Germany
Sampling unit	Turbine fan made in Taiwan, lift is up to 30 thousand hours
Display Data Modes	Traditional tabular particle counts
Flow quality	500ml
History record	save latest 6 record
Comparision	demo filtering effective before and after using air purifier
Body size	162 * 40mm
Giftbox size	213 * 115 * 65 mm
Calibration	Do not need calibration