

PARTICLE COUNTER

DESCRIPTION*

The KLABS Particle Counter features a 2.4" TFT color LCD screen, delivering fast and accurate particle detection. It is equipped with a 6-channel particle size distribution system (0.3µm, 0.5µm, 1.0µm, 2.5µm, 5.0µm, 10µm).

- 0µm, 10µm).

- PM1.0
- PM2.5
- PM10

- Internal storage function.
- Internal storage function, Perpetual Perretu-al calendar function,
- Perretial calendar function.
- Historical data record Management Real-time data analysis,
- Handheld portable design.



KPC-1000

APPLICATIONS

Applications



Clean Room



Operating Room.



Dust-free workshop



Laboratory

- ✓ **6-Channel Simultaneous Measurement**
(0.5µm, 0.5µm, 10µm, 2.5µm, 0.5µm, 10µm)

- ✓ **Three Measurement Modes**
Counting Mode, Weight Mode, Blocking Rate Mode

- ✓ **Stores Over 10,000 Data Records**
- ✓ **SB Direct Charging**
- ✓ **Connect to Computer for Data Analysis & Printing**
- ✓ **2.4-inch Large HD Display**

Product Specification

Mass concentration measurement	
Particle size channel	PM2.5/PM10
Output range	0-1000 $\mu\text{g}/\text{m}^3$
Resolution	$\mu\text{g}/\text{m}^3$
Particle count	
Particle size channel	Simultaneous calculation of 0.3/0.5/1.0/2.5/5/10 μm particles
Sampling method	Manual
Sampling time	120s and 36s
Data storage	More than 10000 sets of sampling data
Flowing	0.1L/min
Power Supply	
Battery	Rechargeable battery
Battery working time	Work continuously for about four hours
Battery charging time	About two hours (using AC adapter)
Temperature and humidity	0 to 50°C (32 to 122 degrees Celsius)
Stored temperature	-10 to 60°C (10 to 140 degrees Celsius)
Humidity environment	10 to 90RH
Size	190*68.5*33mm
Weight	218g

