



PARTICLE COUNTER



Description

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

The instrument supports PM1.0, PM2.5, and PM10 measurement along with internal data storage and real-time data analysis. Its handheld portable design and built-in calendar function make it suitable for continuous monitoring and historical data management.

Features

- 6-channel particle size measurement (0.3, 0.5, 1.0, 2.5, 5.0, 10 μm)
- PM1.0, PM2.5, PM10 measurement
- Internal data storage with historical data management
- Real-time data analysis
- Handheld portable design
- Perpetual calendar function
- 2.4-inch TFT color display

Applications

- Cleanroom monitoring
- Operating rooms
- Dust-free workshops
- Laboratories



KPC-800



Clean Room



Operating Room.



Dust-free workshop



Laboratory

Product Specification

Mass concentration measurement	
Particle size channel	PM2.5/PM10
Output range	0-1000µg/m ³
Resolution	µg/m ³
Particle count	
Particle size channel	Simultaneous calculation of 0.3/0.5/1.0/2.5/5/10µm 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

