

Particle Counter PMD 331



Description

PMD 331 is a price competitive and easy to operate handheld particle counter designed for monitoring particle from 0.3 to 10µm. It is widely used in applications such as filter testing, indoor air quality monitoring, dust monitoring, clean room monitoring etc.

Features

- 7 Channels Particle Size Monitoring**
 Monitor the particle count of 0.3µm, 0.5µm, 0.7µm, 1.0µm, 2.5µm, 5.0µm, 10µm simultaneously with sampling time of 3 sec to 1 minute (adjustable).
- Handheld Device**
 Device weight is lesser than 1kg, portable and suitable for on-site rapid monitoring and single-point data collection purposes.
- Strong Anti-interference**
 Adopt all-metal precision optomechanical structure design for anti-interference.
- Simple Data Export**
 Internal storage of 2 million sets of data capacity, support USB and RS232.
- Simple Operation**
 4" TFT large display, easy access to 7 particle count reading with one key, equipped with 7 independent buttons for fast and easy calibration, setting and data export.
- Large Battery Capacity**
 8 hours continuously operation when fully charged with high-performance lithium battery.

Technical Parameter Table

Model	PMD 331	Note
Particle Size Range	0.3µm, 0.5µm, 0.7µm, 1.0µm, 2.5µm, 5.0µm, 10µm	/
Accuracy	Relative Standard Deviation $\leq \pm 10\%$	/
Measurement Range	0~105, 900P/L (0~3,000,000 particles/ft3)	/
Principal	Light Scattering	/
Laser Source	50mW, 780nm	/
Flow Rate	2.83 L/min	Accuracy $\pm 5\%$
Sampling Time	3~60sec	Settable
Communication Interface	USB/RS232	/
Data Storage	2,000,000 points	/
Battery	Rechargeable lithium battery	/
Charging Time	3.5hrs	/
Working Temperature	0~50°C	/
Storage Temperature	-20~60°C	/
Dimension	170mm x 110mm x 48mm	Exclude inlet & outlet terminal
Weight	850g	/

Application Scenario



Filter Test



Filter Material Test



Clean Room Monitoring



Indoor Air Quality Monitoring



Industrial Measurement



QA Department