Airborne Particle Counters for Cleanrooms

Model SA-3000 Series Airborne Particle Counters

SA-3028 - 1.0 cfm
SA-3050 - 50 lpm
SA-3100 - 100 lpm

28.3, 50.0 or 100 lpm Flow Rates

Stainless Steel Enclosure

8 Size Channels

USB Connectivity for Data Download

The Sterilbio Analytics SA-3000 Series Particle Counters offer portability, ease of operation and fast sampling, coupled with great flexibility. Eight size channels ensure full coverage of the measurement size range. the Stainless Steel enclosure ensures full compliance in any Cleanroom. Being battery operated, with a built-in printer, it is very easy to carry around to monitor even difficult to reach locations.

Features

- Measurement range from 0.3 to 10.0u
- Simultaneously measures & displays 8 size ranges
- 3 level password protection
- Long life laser diode
- Complies with ISO 21501-4 and JIS B9921 standards
- Displays & prints results for ISO 14644 & GMP
- Internal audible alarm
- Built-in printer
- USB & WiFi options for data export
- Stainless Steel casing

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➔ Specifications

Particle Size Channels:	0.3, 0.5, 0.7, 1.0, 2.0, 3.0, 5.0, and 10.0μm (Custom Size Ranges available on request)
No. of Size Channels:	8
Sample Flow Rate:	28.3, 50.0 or 100 lpm
Detection Method:	Light Scattering
Display:	Colour touch screen
Data Output:	Built-in Printer
Data Export:	USB or WiFi
Light Source:	Long Life Laser Diode
Alarm:	Built-in Audible Alarm
Internal Memory:	Up to 5000 Sample Records
Data Conversion:	ft3 and m3
Password Protection:	3 Levels
Printout Reports:	As per ISO 14644 & GMP
Internal Battery:	Li-Ion
Casing:	Stainless Steel
Counting Efficiency:	50% @ 0.3μm
Sampling Period:	1 Sec to 3599 Secs
Dimensions:	(W×L×H): 223 x 348 x 250 mm
Weight:	Approx. 7.0 Kgs
Power Source:	Built-in Battery and AC Power
Input Power Supply:	100 - 240V, 50Hz
Power Consumption:	145 Watts
Environment Temperature:	10°C - 40°C, Rh < 75%
Accessories Supplied Free:	Carrying Case, Operation manual, Factory Calibration report, Purge Filter, Power Cable, Isokinetic Probe, Tripod, Printer Paper, Fuse.