



STERILBIO ANALYTICS PTE. LTD.

SINGAPORE

Hand-Held Airborne Particle Counter

Model SA-HPCM07



Applications

- **Clean environment monitoring**
- **Indoor air quality test**
- **Test/Check filter seals and efficiency**
- **Tracing of contamination sources**
- **Hospitals, Medical Device Manufacturing, Electronic Device Assembly, etc.**

Features

- **Simultaneously measures 6 particle sizes**
- **Lightweight Hand-Held Design**
- **Carrying Case Included**
- **Interface for data download or print**
- **Battery Operated**
- **Colour LCD Screen**

The Sterilbio Analytics Model SA-HPCM07 Hand-Held Airborne Particle Counter simultaneously measures the Particle Counts in the air in 6 size ranges. It adopts the light scattering principle for detection. The device is very light, and is very easy to use.

It uses a semiconductor laser light source, has a large colour LCD screen, has a large data storage capacity, and comes with free software to export data via its USB port.



Model SA-HPCM07 Hand-Held Airborne Particle Counter

Specifications

Channel thresholds:	6 channels: 0.3, 0.5, 1.0, 3.0, 5.0 & 10.0 μm
Flow rate:	0.1 ft³/min. (2.83 L/min.)
Light source:	Laser diode
Max. concentration:	2,000,000 particles/ft³
Zero count:	<1 per 5 min.
Counting efficiency:	50% @ 0.3μm, 100% @ 0.5μm
Communication Port	USB
User interface & display:	480X320 High-resolution Colour LCD display
Data display modes:	Counts, Counts/m³, Counts/ft³
Sampling modes:	Manual repeated, Auto for UCL calculation (calculation for all 6 channels)
ISO Certification:	ISO 5-8 @ 0.5 and 5.0μm
Error messages (real-time):	Exceeds alarm limits, battery status indication
External software:	Easy upload to PC
Data storage:	Up to 260,000 records
Casing Material	ABS (plastic resin)
Dimensions (w, h, d):	25x13.5x4.5 (cm)
Weight:	0.9 Kg
Power:	AC adapter: 100-240 VAC, 50/60 Hz
Batteries:	3.7V Li-on rechargeable battery 10000 mAH
Operating time on battery:	More than 6hrs for sampling
Battery recharging:	USB
Operating temperature:	0 - 35°C
Operating humidity:	0-85 %

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