



AE-V Series Viable Microbial Air Sampler

Application:

- ◆ The AE-V airborne microbial sampler is based on isokinetic sampling theory and uses a medical-grade SUS 316L sampling head. Through precise airflow control, it dynamically matches the sampling wind speed with the cleanroom environment wind speed, ensuring efficient capture of microbial particles. The device features a 5-inch color touchscreen with a user-friendly UI design and an ergonomic tilt angle, and supports both Chinese and English operation. With a built-in lithium battery providing over 6 hours of continuous use it is widely used in pharmaceuticals, microelectronics, and other fields, providing reliable data support for microbial contamination monitoring.



Features:

- ◆ Three-level management permissions and audit trail functionality;
- ◆ Wireless export and Bluetooth printing;
- ◆ Integrated SUS 316L stainless steel sampling head;
- ◆ User-friendly UI design;
- ◆ Ergonomic tilt angle for easy operation and observation of real-time flow feedback;
- ◆ Selectable continuous sampling and segmented sampling modes.

Technical Parameters:

Model	AE-V
Sampling Flow Rate	100L/min $\pm 5\%$
Power Supply	DC 16.8V, built-in rechargeable lithium battery for ≥ 6 h continuous operation
Sampling Volume	Adjustable from 1~9999L
Sampling Mode	Continuous sampling, segmented sampling
Petri Dish Specification	Compatible with standard 90mm petri dishes (adjustable for 85mm-91mm)
Display	5-inch color touch screen
Sampling Head Material	316L stainless steel (aluminum optional)
Housing Material	Stainless steel (aluminum optional)
Dust Cover Material	Stainless steel (aluminum optional)
Overall Dimensions	120mm (L) $\times$ 180mm (W) $\times$ 200mm (H)
Weight	3KG
WIFI & Bluetooth	WIFI 2.4G, BT 5.0
Optional	Bluetooth printer
Optional	Data acquisition software