

AELAB Bacteria Sampler AE-100F

Air bacteria sampler operating at 100L/min $\pm 5\%$ for cleanroom and facility monitoring.



4.3-inch glove-operable color touch screen with memory for 100 point groups.



Rate of flow



100L/min $\pm 5\%$

Sample volume



1-9999L (adjustable)

Data storage



10,000

Battery life



≥ 8 hours

Power



20W

FEATURES



1. Intuitive operation

Designed for straightforward, intuitive operation.



2. Memory function

Stores sampling settings and related data for reuse.

3. Preset sampling points



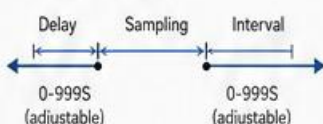
Preset up to 100 point groups.



4. Deletion reminder

Reminder function warns before history data deletion to prevent accidental loss.

5. Interval and delay settings



6. Optional Bluetooth printer

Optional Bluetooth printer for real-time printing and data saving.



7. Standards compliant

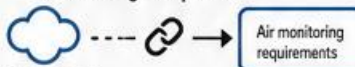
Complies with the latest GMP requirements and international standards.

8. High-precision fan



Imported fan providing high precision and long service life.

9. Compressed air monitoring compatible



Compatible with high-pressure separators to meet compressed air monitoring requirements in clean rooms.

APPLICATIONS



Pharmaceutical industry



Food industry



Beverage tap water



Drug inspection institute



Health and epidemic prevention



Hospital



Public place

TECHNICAL PARAMETERS

Parameter	AE-100F	Parameter	AE-100F
Rate of flow	100L/min $\pm 5\%$	Size	14.7*11.5*19.0cm (Length*Width*Height)
Control method	4.3-inch color touch screen, can be operated with gloves	Weight	1.8kg
PT	You can preset 100 point groups	Power	20W
Sample volume	1-9999L (adjustable)	Storage temperature	-30—40°C
Sampling delay time	0-99S (adjustable)	Storage humidity	0—90 % RH
Sampling interval	0-99S (adjustable)	Storage pressure	80—110kPa
Sampling rate	0.38m/s (constant speed sampling)	End-use temperature	10—40°C
Data storage capacity	10,000	Operating humidity	10—90 % RH
Recommended petri dish size (diameter)	Φ90mm	Working pressure	80—110kPa
Impact velocity	10.8m/s (Anderson impact level 5 principle)	Applicable industry	Pharmaceutical industry, food industry, beverage tap water, drug inspection institute, health and epidemic prevention, hospital, public place, etc
Sampling head material	Anodic aluminum oxide		
Battery life	≥ 8 hours		
Power source	AC220V to DC16.8V		
Body material	Anodic aluminum oxide		



Website:
<https://aelabgroup.com/>



Email:
info@aelabgroup.com



WhatsApp:
+8615800016110