

AELAB Microbial Air Sampler FKC-2

FKC-2

Air sampler for collection of airborne microbes with programmable sampling controls.



Sampling flow rate 100 L/min $\pm$ 5%
with a SUS316L sampling head.



Sampling Flow Rate
100 L/min $\pm$ 5%



Sampling Volume
0–9999 L
(adjustable)



Sampling Head Material
Fabricated from
SUS316L, compatible
with most disinfection
methods



Battery Endurance
More than
4 hours



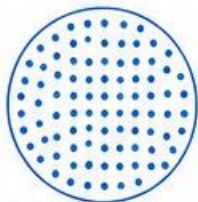
Overall Dimension & Weight
155×190×155 mm
(W×D×H)
Weight: 2.1 kg



Compliance Standards
ISO 14698-1/2
GB/T 16293-2010

Key Features

1 SUS316L Sampling Head



Sampling head fabricated from SUS316L with 397 straight Φ 0.7 mm holes to reduce bacterial overlap and counting deviation.

2 Programmable Sampling Volume



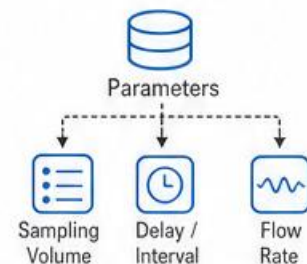
Adjustable sampling volume from 0–9999 L.

3 Custom Delay and Interval



Supports custom setup of sampling delay and sampling interval.

4 Parameter Display



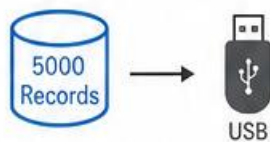
Color touchscreen displays sampling volume, delay, interval and flow rate in real time.

5 Page-based Parameter Storage



Page-based storage for sampling volume, timing and other operational parameters.

6 Built-in Data Storage and Export



Built-in storage for 5000 data sets with USB interface for offline data export.

7 Stable Sampling Flow



Self-developed dedicated acquisition chip delivers consistent and stable sampling flow.

8 Compatible Petri Dishes



Sampling head detaches for easy petri dish replacement; fits standard Φ 90×15 mm universal petri dishes.

Technical Specifications

Item	Specification	Item	Specification
Sampling Head Material	Fabricated from SUS316L, compatible with most disinfection methods	Impaction Velocity	10.8 m/s (based on Anderson 5-stage impaction principle)
Sampling Flow Rate	100 L/min $\pm$ 5%	Battery Endurance	More than 4 hours
Sampling Delay	0–255 s (adjustable)	Overall Dimension & Weight	155×190×155 mm (W×D×H); Weight: 2.1 kg
Sampling Cycle	0–9999 s (adjustable)		
Sampling Volume	0–9999 L (adjustable)	Compliance Standards	ISO 14698-1/2, GB/T 16293-2010



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