



Portable Biological Air Sampler – 21 CFR Compliant



Description

The KLABS Portable Biological Air Sampler (Model: KAS-9999) is a highly efficient microbial air sampling instrument designed for environmental monitoring. The device operates with a sampling flow rate of 100 L/min and an impact velocity of 11 m/s, meeting the requirements of Anderson Impact Level 5 to ensure effective collection of microbial particles larger than 1 μm in the environment.

The instrument is equipped with a 5-inch touch screen interface, providing a user-friendly and efficient operation system. It can also be connected to a Bluetooth printer, allowing quick and convenient printing of sampling data.

The device features a professional industrial design with a durable aluminium alloy body, ensuring reliability, durability, and an elegant appearance suitable for laboratory and cleanroom environments.

Features

- Three-level authority management supporting multiple users
- Audit trail function with 21 CFR Part 11 compliance
- Integrated 316L stainless steel precision microporous sampling head
- 100 L/min high flow rate with stable flow control
- 5-inch high-definition touch screen
- 320,000 data storage capacity
- Data export in PDF, CSV, and TXT formats via USB
- Wireless data export and wireless printing support
- Configurable 100 rooms with 100 sampling points per room
- Real-time flow feedback system
- User-friendly interface design

Applications

- Pharmaceutical cleanroom monitoring
- Microbiology laboratories
- Biotechnology research facilities
- Environmental monitoring laboratories
- Food and beverage production environments

Uses

- Monitoring microbial contamination in air
- Sampling airborne microorganisms in controlled environments
- Environmental monitoring in pharmaceutical industries
- Air quality microbial analysis in laboratories



KAS-9999

Technical Specifications

Sampling flow	100L/min $\pm$ 5%
Sampling volume	0 .01-9999L
Impact velocity	1 1 m/s
Petri dish	ϕ 90* 15mm Standard General Purpose Petri Dish
Display	5-inch resistive touch screen (can be operated with gloves)
Number of rooms	100
Number of points	100 (per room)
Battery	$\geq$ 6 hours
Stored data	320,000
Data export	USB flash drive export, PDF, CSV, TXT gauge
Operating environment	Temperature 0-50°C , Humidity 0-65%RH
Material	Aluminium alloy, optional stainless steel sampling head
Power	18-24DCV/3A
Size	120* 110*230mm(L*W*H)
Weight	2 .6kg
Printing	Bluetooth printer