



Biological Air Sampler



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Biological Air Sampler

DS-0C08



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Product Overview

DS-0C08 biological air sampler is used to sampling the suspended bacteria in the cleanroom. The basic principle is Andersen principle, there is a internal pump to suck the air into the equipment, the Andersen principle to make sure the sampling head with the same flow rate with the pump rate. Before we start to sampling the air, we need to put the culture medium into the sterile petri dish, the dish size is 90x15, when we start to sample, the suspended bacteria will be sucked into the culture medium in the petridish. Then we put the dish with sampler into the biological incubator to do the bacterial culture, then to get the results.

Product Features

- Built-in exhaust filter make the exhaust purification is controlled more effectively
- Sampling volume can be preset and edited (Figure 1)
- Colourful touchable screen, intuitive display, portable operation, rich options, scientific design
- Support rights management and audit trail (Figure 2, Figure 3)
- Convenient communication, with optional printer function

Advantages



Comply
National standard



Micropore
collection



Sample volume
optional



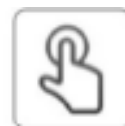
LCD Display



Big storage data



Innovative design



Easy to operate



Stable performance

Model	DS-0C08
Flow Rate	100L/min
Flow Velocity of Sampling Holes	0.3m x5t 4m/s Basically the same as the clean room (Isokinetic sampling)
Flow Accuracy	±2.5%
Principle	Anderson Impact Principle
Sample Volume	20–6000L
Latency	0–59 minutes and 59 seconds
Sampling Times	1–99 times
Interval Time	10 seconds–59 minutes and 59 seconds
Location Editing	Editable, 100 points
Permission Management	Three levels (operator, engineer, administrator)
Exhaust Filtration	ISO 3
Data Storage	20,000 groups of data can be stored
Data Content	Date and time, location, operator, delay time, cycle times, interval time, preset volume, actual volume, status
Data Export	U disk, CSV format, can export sampling data report and operation log report
Communication	USB to serial port (MODBUS RTU communication protocol)
Printing	Bluetooth printer
Display	5 inch color capacitive touch screen
Language	English
Power Supply	24VDC ±pm 10%
Operating Time on Battery h	6–8h
Weight and Size	2.1kg, 125x135x260mm (Lx WxH)
Accessories	Instrument case, charger, factory calibration report, USB flash disk
Optional	tripod, printer, etc.