

Biological Air Sampler



Introduction:

Biological air sampler is an efficient porous suction biological sampler. It is designed according to the isometric sampling theory. The sampling is direct, and the wind speed of the collected head is basically the same as that of the clean room, which can more accurately reflect the microbial concentration in the clean room. During sampling, air with planktic microorganisms pass through the pores at high speed and was uniformly hit at the AGAR surface in the culture dish. These living microorganisms obtain uniform and sufficient nutrients on the surface of the AGAR. And dynamic rehydration process occurs rapidly during the culture process, the microorganisms grow quickly, and thus faster results are obtained.

Features:

- * 2.3 inch LCD screen, screen backlight delay of 5~600 seconds can be adjusted.
- * The sampling range is adjustable from 10 to 9000L, and the adjustment interval is 10L.
- * The diameter of the sampling hole is 0.4mm, which effectively reduces bacterial overlap and microbial count errors.
- * Built-in high-performance fan, fast speed, low noise.
- * With timing sampling function, the users can automatically open the sampling function after setting the time.

Technical Parameters:

Model	PMS-01
Display	LCD Display
Sample Volume	100L/min±5%
Sample Quantity	10~9000L, adjustable
Flow Velocity of Sampling Holes	0.38m/s, basically the same as that of the clean room
Noise	≤60dB(A)
Culture Dish Size	Φ90*15mm
Sampling Hole Dia.	0.4mm
Power Supply	Rechargeable battery, DC12V
Power	≤5W
External Size(W*D*H)	120*200*340mm
Net Weight	2kg
Package Size(W*D*H)	180*350*430mm
Gross Weight	5kg