

ASPL-100TOUCH

BRAND : **BIOGENIX**

Description

ASPL-100 TOUCH biological air sampler has a velocity of 100 liters per minute. Up to 9,999 liters of air can be collected per collection cycle. This capability allows sampling to be performed in accordance with the stringent requirements for monitoring aseptic and clean rooms. The impact velocity (the rate at which airborne microbes hit the AGAR surface) is about 10 meters per second, or about five times the speed of a Andersen sampler.

Note: ASPL-100 TOUCH reference standard: ISO 14698-1/2, GMP, gb16293-2010

The sampling speed was 100L 2.5%, and the diameter of the petri dish was 90-100mm.



Postulate

The ASPL-100 TOUCH biological air sampler is a high performance instrument. Using the principle of an Andersen air sampler, it draws air through a porous cap (465*0.6mm), and the microbes in the air impinge on the surface of the AGAR medium attached to the standard dish. After completing the sampling cycle, the petri dish was cultured under appropriate conditions, and then the total number of colonies was determined.

ADVANTAGE

- 1) Suitable for standard plates with diameter of 90-100mm, no need to use expensive "matching" special consumables
- 2) built-in flow calibration function, temperature and humidity calibration function, (supporting the use of phytoplankton calibration instrument, optional)
- 3) external blue-tooth printer, which can print data information (time, date, temperature and humidity, sampling volume)



Product introduction



- 4) with data export software, generate EXCEL tables to facilitate data computer storage
- 5) adjustable support clip of sampling head to fit the size difference of different plates (90-100mm)
- 6) it can be connected to power supply of 100/240v and 50-60khz, or only use a battery
- 7) the sampling volume can be set to any value between 1-9999l
- 8) USB communication connection to ensure the accuracy of the result record
- 9) automatic sampling precision calibration to avoid manual error

TECHNICAL PARAMETER

1. The sampling head is anodized aluminum, suitable for most disinfection methods
2. Sampling flow rate: 100L/min \pm 2.5%
3. Sampling delay: 0-255s (adjustable)
4. Sampling volume: 0-9999l (adjustable)
5. Impact rate: 10.8m/s (Anderson impact level 5 principle)
6. Battery life: over 5 hours
7. Overall dimension: 120*120*175mm (W*D*H) weight: 2.1kg
8. Execution standard: ISO 14698-1/2, GB/T 16293-2010, GMP



Porous Sampling Port

There is a porous sampling head on the upper part, and there are a total of 465 micro-holes of 0.6mm on it.



Protection cover

The protective cover needs to be opened when sampling.

TECHNICAL SPECIFICATIONS

Main Parameter	Parameter Range	Resolution	Precision
Flow	100L/ Min	1L/Min	Better Than +-2.5%
Sampling Volume		100-9999 L	
Petri dish Specifications		90 x 15 mm	
External Power Supply		DC 16.8 V , 2A	
Charging Time		< 8h	
Battery Working Time		>4h	
Instrument Noise		< 55dB (A)	
Overall Dimension		L120x W120xH175 mm	
Weight		2.1 KG	
Power Supply		< 30 W	



Operation panel

LCD display, color touch screen, the operation panel is simple and clear.



External printer

External Bluetooth printer, automatic storage, easy to query, support USB data export.

Contact Us



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