



AIR SAMPLER BKF-2501

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AIR SAMPLER FX-100ST

The is a high-performance instrument. It utilizes the principle of Andersen air sampler to extract air through a multi hole cover (465 x 0.6mm), and microorganisms in the airflow collide with the surface of the agar medium attached to the standard culture dish. After completing the sampling cycle, culture the dish under suitable conditions and then determine the total number of colonies.



Suitable for standard plates with a diameter of 90-100mm.

With built in flow calibration function and temperature & humidity calibration function (required to be used with a planktonic bacteria calibration instrument which is an optional choice).

External Bluetooth printer that can print data information (time, date, temperature and humidity, sampling volume).

Adjustable sampling head support clip to fit the size difference of different plates (90-100mm).

Can be connected to a 100/240V, 50-60kHz working power supply for operation, or only use batteries for operation.

The sampling volume can be set to any value between 1-9999L.

Fully automatic sampling accuracy calibration to avoid manual operation errors.

SPECIFICATIONS

Model	BKF-2501
Sampling flow rate	100L/MIN $\pm$ 2.5%
Sampling delay	0-255 S / adjustable
Sampling volume	0-9999L / adjustable
Impact rate	10.8 m/s
Sampling head material	Anodized aluminum oxide, suitable for most disinfection methods
Battery using time	More than 5 hours
Overall dimension LxWxH	120x120x175mm
Weight	2.1Kg
Executive standards	ISO 14698-1/2, GB/T 16293-2010, GMP
Alt Name	Air Sampler

APPLICATIONS

The air suction flow rate is 100 L/H. Each collection cycle can collect up to 9999 liters. This performance enables sampling to be carried out under strict requirements for monitoring sterile and clean rooms. The impact speed (the speed at which microorganisms in the air impact the surface of agar) is approximately 10 m/s, equivalent to level 5 of the Andersen sampler.

Note: reference standard: ISO 14698-1/2, GMP, GB16293-2010.

The sampling speed is 100L $\pm$ 2.5%, and the diameter of the culture dish used is 90-100mm.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com