

PARTICLE COUNTER

HOT SALE

FKC-1 MICROBIAL AIR SAMPLER

FKC-I-B High-effective Microbial Air Sampler is a high-effective, lacunaris and inhalational bacteria sampler. It is designed by the two theories of particles-impact and equal-flow-sampling. It can sample directly, and the sampling wind-speed and the clean-indoor wind-speed are same, so it can accurately reflect the microorganisms concentration of your clean-room. When sampling, planktonic bacterias with air highly-speed thrill through an ventage, and then they impinge on the surface of agar in the culture medium. When these microbes live are been cultivating, they will be dynamic-hydrated, and then they are high-speed flowing. Sequentially, we can procure results quickly.

FKC-I Planktonic Bacteria Sampler has an unique structure—an upper and a lower. The upper includes a sampling-mouth, a sampling-seat and a pump. The lower includes a controller and batteries. Its sampling-mouth and its crust are made of high-quality aluminum. Its surface is obturattededly processed, so it can be easily sterilized and disinfected before it be used. It has powerful functions, large sampling-rate, stable capability, and easy to operate, so it has reached international forward level of similar products. It is widely used in the fields of pharmacy factories, hospitals, biological products, food processing and public places and so on.



Technical Parameters

Model	FKC-1
Temperature	10-35°C
Relative humidity	10-90 percent RH
Atmospheric pressure	80-110KPa
Feature and Parameter	100000000 particles/m ³ @μm or 0.2mg/m ³
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Sampling inlet has many tiny holes to reduce puffball super position and error of animalcule count	
Sampling flow	100L/min
Inlet impact speed	0.38m/s basically the same as the speed of clean room (isokinetic sampling)
Sampling quantity	can be ser from 0.001-9.999m ³
Standard dimension of culture dish	φ90×15
Power supply	DC16.8v chargeable battery which can supply 4 hours power
Dimension	φ120×325
Weight	4.0Kg