

FKC系列浮游菌采样器 FKC series biological air sampler

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Invention Patent : ZL201010215769.7 Utility model patent: ZL201220002285.9 Design patent: ZL 201030276025 . 7



FKC-1



FKC-100



FKC-100A

产品简介:

PRODUCT INTRODUCTION:

FKC 系列浮游空气尘菌采样器是一种高效的多孔吸入式尘菌采样器。它根据颗粒撞击原理和等速采样理论设计采样直接, 采集口风速与洁净室内风速基本一致, 能更准确地反映洁净室内的微生物浓度。采样时, 带尘菌空气高速通过微孔, 被撞击在培养皿内的琼脂表面; 这些活体微生物在培养过程中, 发生动态再水化过程, 高速生长, 从而更快得出结果。

本仪器结构独特新颖, 分上下两部分, 上部分采集口和采样座及气泵, 下部为控制器及电池。采样口和外壳采用优质航空铝制造, 表面闭孔处理, 便于使用前的灭菌消毒。本仪器功能强大, 采样最大, 性能稳定, 操作简便。

达到国际同类产品先进水平, 是各制药厂、医院、生物制品、食品加工、公共场所等的检测部门理想的浮尘菌浓度采样仪器。

FKC series biological air sampler is a highly efficient porous suction-type dust and bacteria sampler. It is designed based on the principle of particle impaction and the theory of isokinetic sampling.

The sampling is direct. The wind speed at the sampling inlet is basically the same as that in the clean room, enabling it to reflect the concentration of microorganisms in the clean room more accurately. During sampling, the dust and bacteria-laden air passes through the micropores at high speed and is impacted onto the agar surface in the culture dish. During the culturing process, these living microorganisms undergo a dynamic rehydration process and grow rapidly, thus enabling results to be obtained more quickly.

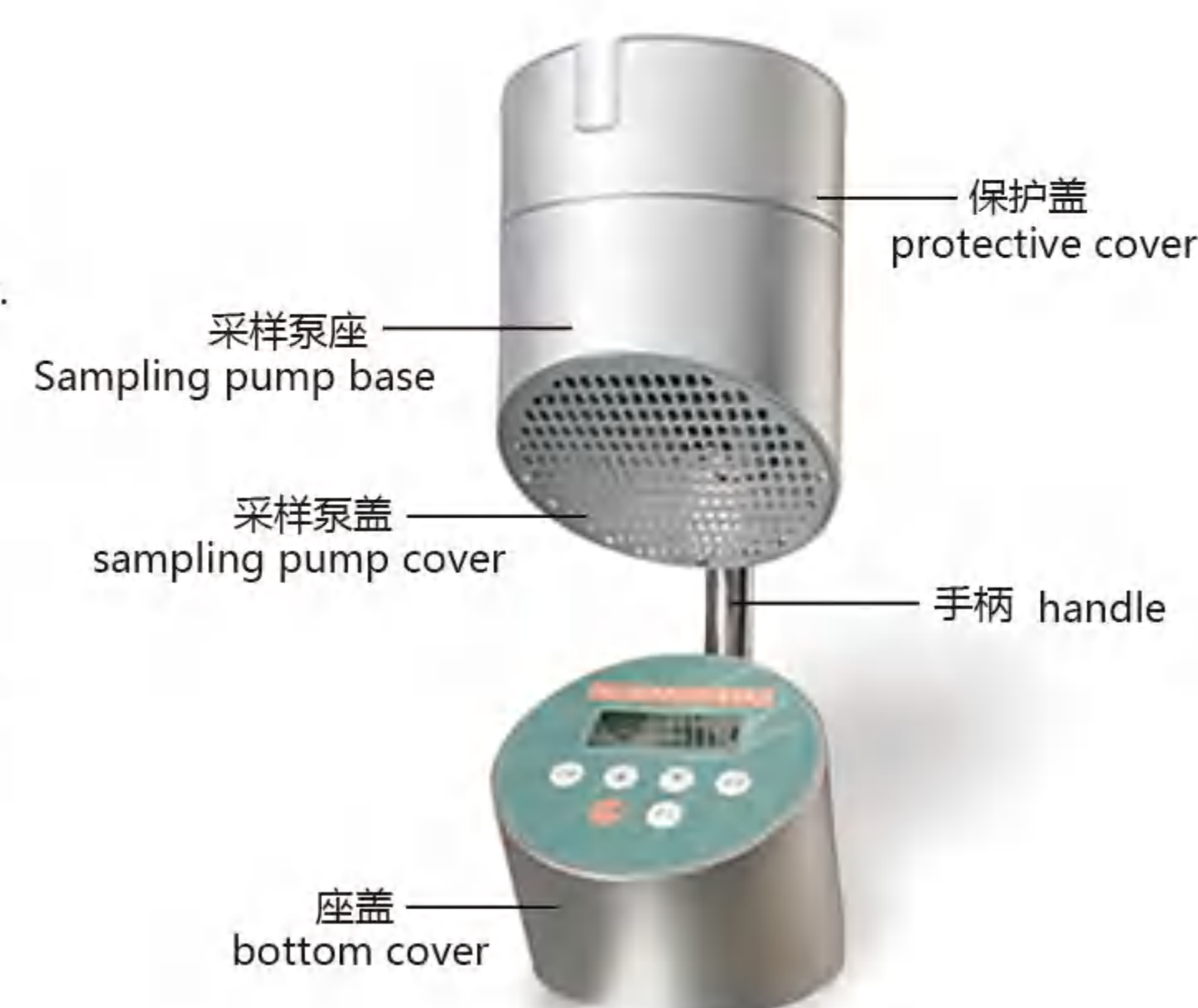
This instrument has a unique and novel structure, which is divided into two parts: the upper part consists of the sampling inlet, the sampling base and the air pump, while the lower part is composed of the controller and the battery. The sampling inlet and the outer casing are made of high-quality aviation aluminum, and the surface is treated with closed pores, facilitating sterilization and disinfection before use. This instrument is powerful, has a large sampling capacity, stable performance and is easy to operate.

It has reached the advanced level of similar international products and is an ideal sampling instrument for detecting the concentration of floating dust and bacteria in pharmaceutical factories, hospitals, biological products, food processing, public places and other testing departments.

技术特点:

PRODUCT FEATURES:

- 采集口为无数微孔, 减少了尘菌重叠, 降低了微生物计数错误。
The collection port is numerous micropores, which reduces the overlap of dust and bacteria, and reduces the error of microbial count.
- 采样量从0.01-2.0m³任意设定。
Sampling volume from 0.01~2.0m³ Arbitrary setting.
- LCD显示采样量, 采样时间等参数。
LCD displays parameters such as sampling volume and sampling time.
- 可将采样量, 采样时间等参数按组储存, 最多可储存256组数据。
The parameters such as sampling volume and sampling time can be stored in groups, and up to 256 groups of data can be stored.
- 造型独特, 使用方便。
Unique design, easy to operate.
- 更换培养皿简便, 拿下采样头即可更换培养皿 (使用标准通用培养皿 φ90X15)。
It is easy to replace the petri. Take down the sampling head and replace the petri (use standard universal petri φ 90X15).



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FKC series biological air sampler

产品实拍:

PRODUCT DETAILS:



性能参数:

PERFORMANCE PARAMETERS:

参数型号 Parameter/Model	FKC-1	FKC-100	FKC-100A
采样流量 Sampling flow	100L/min±5%	100L/min±2%	
采样头撞击风速 Speed crash	12m/s	16m/s	
收集效率 Collection efficiency	≥75%	≥95%	
控制方式 Control method	液晶显示 Liquid crystal display (LCD)	触屏智能控制 Touch screen intelligent control	
流量控制 Flow control			自动控制 Automatic control
设定采样量范围 Sampling volume range	10-6000L		
数据交换 Data exchange			USB
电源 Power supply	交直流两用，可充电电池DC7.4V,充满电后可连续工作6小时 AC/DC,chargeable battery:DC7.4V,continuous work for 6h after charged		
体积 Volume	φ120*300		
重量 Weight	2.5kg		
标准配件 Standard accessories	电源适配器，培养皿2个，说明书，合格证，出厂检验报告，保修卡 AC adapter,2ubstrate vtensil, inspection report,warranty Cards		