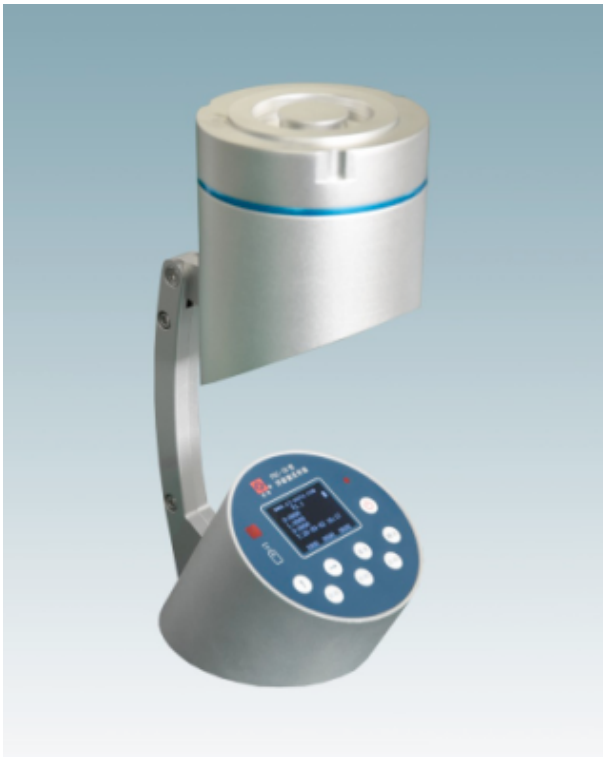

FKC-1B Microbial Air Sampler

FKC-1B Microbial Air Sampler is a high efficient microorganism sampler. It is designed on the theory of isokinetic sampling. It can sample directly, and the velocity of the sampling port and the cleanroom is consistent, so it can accurately reflect the microorganism concentration of the cleanroom. In the sampling process, bio contaminated air is drawn through the small holes in the top plate with high velocity, and strikes the test medium of agar in the Petri dish, maximizing collection efficiencies for viable particles in accordance with ISO 14698-1 standard. The system design optimizes the striking velocity, ensuring biological efficiency.

FKC-1B has a unique structure--- an upper part and a lower part. The upper part includes a sampling head, a sampling seat and a fan. The lower part includes a controller and batteries. With computer control panel and remote controller, it is of low noise sampling, simple operation and stable performance. Sampling port is made of high quality aluminum, which is suitable for various ways of sterilization.

Specifications:

Sampling Flow Rate	100L/min
Sampling head velocity	0.38 m/s

Preset volume	1-9999L
Plate size	Φ90*15mm
Power Source	DC16.8V, 7 hours continuous operation
Weight	3kg
Outside dim	Φ120*325mm
Accessories	Plate (2pcs), power charger
Display	High brightness LCD display
Operating environment	Temperature: 0 - 50 ℃, humidity: 10-90%, atmospheric pressure: 80-110kpa, Maximum dust concentration: 100 000000 / m³@0.5μm or 0.2mg / m³