

Class II B2 Biological Safety Cabinets (BSC-4FB2-NA)

Biological safety cabinet is necessary equipment in the laboratory in the search of microbiology, biomedical, DNA recombinant, animal experiment and biological products, especially in the occasion that operator need to adopt protective measure, such us medical and health, pharmacy, medical research.

Our equipment provides a safety working environment which don't have bacterial and dust in the process of bacterial culture.



Features

- Motorized front window.
- HEPA filter life and UV life indicator.
- Automatic air speed adjustable with filter block.
- With memory function in case of power-failure.
- Work area surrounded by negative pressure, it can ensure maximum safety in work area.
- Most accessories are standard, which saves your money. There is no need to pay more.
- Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc).
- Remote control. All functions can be realized with it, making the operation much easier and more convenient.
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window.

Specifications

Model	BSC-4FB2-NA
External Size(W*D*H)	1383*775*2325mm
Internal Size(W*D*H)	1210*600*660 mm
Tested Opening	Safety height 200mm (8")
Max Opening	550mm(22")
Exhaust Airflow	100%: 1320m ³ /h(776cfm)
Volume Front Window	Motorized. Two-layer laminated toughened glass 55mm. Anti UV
HEPA Filter	Two, 99.999% efficiency at 0.3um, filter life indicator
Filter Guard Type	Aluminum alloy frame
Noise	NSF 49567 dB/EN 12469565dB
Illumination	>1000Lux
Display	LCD Display
Waterproof Socket	2, Total consumption: 5500W
Tap	Water tap*1, Gas tap *1
Ground Resistance	<0.100 ohm
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689
Consumption	300w
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.
DC Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption
Material	Working area: 304 stainless steel Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating
UV Lamp	30W Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
Illuminating Lamp	18W*2 LED lamp
Standard Accessory	Illuminating lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, Remote control
Package Size (W*D*H)	1540*1080*1950mm
Gross Weight	350kg

Accessories



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



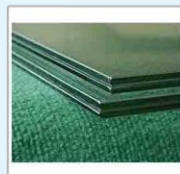
Air-Vent
Only for BSC-1100IIA2-X and BSC-1500IIA2-X



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



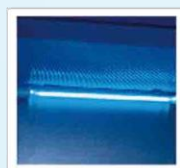
Footmaster Caster
Universal caster with brake and leveling feet.



Front Window
Two-layer laminated toughened glass>5mm, anti UV



Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Waterproof Socket
2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.