CLASS II BIOLOGICAL SAFETY CABINET BSC84-420B2

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It operates with a negative air pressure for personnel protection and HEPA filtered laminar airflow for product protection to meet the requirements for the environment from microorganisms and aerosols. Features like Time reverse function, Interlock function, low noise and Filter Life Indicator makes the product beneficial and reliable.
Used in Cell culturing, Genetics, Microbiological, Research, Cell Biology, Molecular Biology, Plant, Laboratory.
Also known as Class II BSC, Biosafety Cabinet.

BSC84-420B2 CLASS II BIOLOGICAL SAFETY CABINET

Time reserve function

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

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

SPECIFICATIONS

Model	BSC84-420B2
Type	Class II, Type B2
Inflow Velocity	0.53±0.025 m/s
Down Flow Velocity	0.33±0.025 m/s
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 µm,filter life indicator.
Max Opening	420mm (17")
Tested Opening	Safety Height 200 mm (8")
Work Surface Height	750 mm
Work Zone Material	304 stainless steel
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Airflow System	0% air recirculation, 100% air exhaust
Control System	Microprocessor
Caster	Foot master caster
Exhaust	Exhaust Duct: 4 meters PVC duct, Diameter:300mm
Front Window	Motorized,two-layer laminated toughened glass ≥ 6mm,anti UV
Waterproof Socket	Two, total load of two sockets: 500 W

UV Lamp	30W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
LED Lamp	LED Lamp,12W x2
Illumination	≥1000 Lux
Visual and Audio Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.
Display	7 inch touch screen display: exhaust filter and downflow filter pressure, filter and UV lamp working time,inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
Noise	≤ 67 dB
Standard Accessory	Illuminating lamp, UV lamp x2,base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets x2, pipe strap x2
Optional Accessory	Water and gas tap, Electric height adjustable base stand
External Size (WxDxH)	1100x750x2255 mm
Internal Size (WxDxH)	940x600x660 mm
Package Size (WxDxH)	1250x990x1770 mm Main Body 930x800x690 mm Exhaust Blower (WxDxH)
Gross Weight	265kg;50kg
Consumption	800 W
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz