CLASS II BIOLOGICAL SAFETY CABINET BSC21-1670B2

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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.

BSC21-1670B2 CLASS II BIOLOGICAL SAFETY CABINET

Time reserve function

Stainless Steel 304 table for operation

Digital VFD display for easy monitoring of all parameters

Emission of 253.7 nm for highly efficient decontamination

Two-layered marinated toughened glass (≥5mm) motorized front window

Negative air pressure provides personnel protection by constant movement of air in working area

Remote control operation including front sash movement and fan speed control

Motored front window with timer function

Intrinsic sterilization is achieved after activating cabinet for 30 min via UV timing

Filter Life Indicator: Pressure value displayed to show life utility of main filter

Foot switch to adjust the height of the front window

Low noise and high energy efficiency for operational cost savings

Audio and visual alarm for filter replacement, front window over height and abnormal airflow

SPECIFICATIONS

Model	BSC21-1670B2
Type	Class II, Type B2
Filter	ULPA Filter - Two, 99.9995% efficiency at 0.12 μm, filter life indicator
Inflow Velocity	0.53±0.025 m/s
Down Flow Velocity	0.33±0.025 m/s
UV Lamp	40Wx1 UV timer, UV life indicator, emission of 235.7 nanometers for most efficient decontamination
LED Lamp	16Wx2
Illumination	≥1000 lux
Waterproof Socket	Two, total load of sockets: 500W
Work Surface Height	750 mm (Size can be customized according to requirements)
Tested Opening	Safety height 200 mm (8")
Max Opening	440 mm
Front Window	Motorized, two layer laminated toughened glass ≥ 6 mm, Anti UV
Airflow System	0% air recirculation, 100% air exhaust
Control System	Microprocessor
Caster	Footmaster Caster

Display	LCD 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.
Work Zone Material	304 Stainless steel
Main Body Material	Cold roller steel with anti bacteria powder coating
Visual and Audio Alarm	Abnormal airflow velocity, filter replacement, front window at unsafe height, high filter pressure alarm, abnormal power failure
Standard Accessory	LED lamp 2pcs, UV lamp 1 pc, Base stand Remote control, Foot switch, Drain valve, Waterproof Socket 2 pcs, Exhaust blower, Exhaust duct
Optional Accessory	Water and Gas tap, Electric Height adjustable base stand, Armrest
Noise	≤65dB
Internal Size (WxDxH)	1625x600x660 mm
External Size (WxDxH)	1880x755x2250 mm
Package Size (WxDxH)	1930x1060x1840 mm 930x860x740 mm
Gross Weight	408 kg 64 kg
Consumption	1300 W
Power Supply	AC220V 50/60Hz ; 110 60Hz

ACCESSORIES

Accessory Code	Name
5900505012	UV Lampx2

OPTIONAL ACCESSORIES

Accessory Code	Name	External Dimension	Package Size (mm)
2100505005	Infrared Sterilizer	150x95x210 mm	
2100505006	Airflow Tester		
2100505007	Formalin Fumigation Sterilizer		300x200x160 mm
2100505008	Ammonium Hydrogen Carbonate Neutralizer		300x200x160 mm
2100505009	Armrest		
2100505010	Laboratory Chair		
2100505011	Dust Particle Counter		
2100505012	Digital Sound Level Meter		
2100505013	Illumination Meter		
2100505014	Air Flow Anemometer		
2100505015	Protective Garment		
2100505016	Protective Gloves		