CLASS II BIOLOGICAL SAFETY CABINET BSC21-1800A2

CLASS II BIOLOGICAL SAFETY CABINET

BSC21-1800A2

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.

BSC21-1800A2 CLASS II BIOLOGICAL SAFETY CABINET

Time reserve function

Stainless Steel 304 table for operation

Emission of 253.7 nm for highly efficient decontamination

Remote control operation including front sash movement and fan speed control

Motored front window with timer function

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

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

Foot switch to adjust the height of the front window

2 waterproof sockets located inside panel

Automatic air speed adjustable with filter block

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

Interlock function: Fluorescent lamp, UV lamp and front window, Blower and front window, UV lamp and blower

Low noise and high energy efficiency for operational cost savings

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

LCD display: filter and UV lamp working time, Filter life, Exhaust filter and downflow filter pressure, Humidity and temperature, System working time, Inflow and downflow velocity etc.

SPECIFICATIONS

Model	BSC21-1800A2
Type	Class II, Type A2
HEPA Filter	2
HEPA Filter Efficiency	99.999% efficiency at 0.3 μm. Filter life Indicator
Air Circulation	0.7
Exhaust Air	0.3
Inflow Velocity	0.53±0.025 m/s
Down Flow Velocity	0.33±0.025 m/s
Fluorescent Lamp	40Wx2
UV Lamp	40Wx1
Illumination	≥1000 lux
Work Surface Height	750 mm
Tested Opening	200 mm

Max Opening	400 mm
Inner Dimension (WxDxH)	1800×600×660 mm
Overall Dimension (WxDxH)	1950×800×2305 mm
Package Size	2090x1050x1860 mm
Caster	Universal Wheel with brake and levelling feet
Front Window	Motorized, two layer laminated toughened glass ≥5 mm, Anti UV
Clean Level	Class 100
Control System	Microprocessor
Socket	Two, Total load of two sockets: 500W
Noise Level	EN12469≤58dB / NSF≤61dB
Weight	420 kg
Power	1700 W
Power Supply	100/220V±10%, 50/60Hz

ACCESSORIES

Accessory Code	Name	Description
LS53467	Fluorescent Lamp	
LS53479	UV Lampx2	
LS53491	Base Stand	
LS53503	Remote Control	

Accessory Code	Name	Description
LS53515	Foot switch	
LS53527	Drain Valve	
LS53539	Waterproof Sockets	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	External Dimension	Package Size (mm)
LS53006	Infrared Sterilizer		150x95x210 mm	
LS53018	Airflow Tester			
LS53030	Formalin Fumigation Sterilizer			300x200x160 mm
LS53042	Ammonium Hydrogen Carbonate Neutralizer			300x200x160 mm
LS53054	Armrest			
LS53066	Laboratory Chair			
LS53078	Dust Particle Counter			
LS53090	Digital Sound Level Meter			
LS53102	Illumination Meter			
LS53114	Air Flow Anemometer			
LS53126	Protective Garment			
LS53138	Protective Gloves			