CLASS II BIOLOGICAL SAFETY CABINET BSC21-0600A2

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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.

BSC21-0600A2 CLASS II BIOLOGICAL SAFETY CABINET

Stainless Steel 304 table for operation

Digital LCD display for easy monitoring of all parameters

Emission of 253.7 nm for highly efficient decontamination

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

Remote control operation including front sash movement and fan speed control

Foot switch to adjust the height of the front window

Centrifugal fan speed adjustable: H14 HEPA filter

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

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	BSC21-0600A2
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
Minimum Face Velocity	75 linear feet per minute (lfpm)
Inflow Velocity	0.53±0.025m/s
Down Flow Velocity	0.33±0.025m/s
LED Lamp	40Wx1
UV Lamp	15Wx1
Illumination	≥1000 lux
Work Surface Height	750 mm
Tested Opening	200 mm
Max Opening	370 mm
Inner Dimension (WxDxH)	600x500x540 mm
Overall Dimension (WxDxH)	700x650x1230 mm

Package Size	860x960x1450 mm (with base stand) 860x800x1450 mm (without base stand)
Caster	Yes
Front Window	Two-layer toughened glass ≥5 mm, Anti UV
Clean Level	Class 100
Control System	Microprocessor
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating
Socket	Two, Total load of two sockets: 500W
Noise Level	EN12469≤58dB / NSF49 ≤61dB
Weight	196 kg (with base stand) 164 kg (without base stand)
Power	500 W
Power Supply	220V~240V/50Hz~60Hz

ACCESSORIES

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