

CLASS II BIOLOGICAL SAFETY CABINET BSC21-0600A2



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BSC21-0600A2

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 ($\geq 5\text{mm}$) 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
Filter	HEPA Filter - Two, 99.995% efficiency at $0.3\mu\text{m}$. Filter life indicator
Inflow Velocity	$0.53\pm 0.025\text{m/s}$
Down Flow Velocity	$0.33\pm 0.025\text{m/s}$
Max Opening	370mm(15")
Tested Opening	Safety height 200mm(8")
Front Window	Motorized. Single Layer toughened glass 5mm. Anti UV.
Airflow System	70% air recirculation, 30% air exhaust
Main Body Material	Cold-rolled steel with anti-bacteria powder coating
Work Zone Material	304 stainless steel
Work Surface Height	750mm with optional base stand
UV Lamp	15W x1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	8W x2
Illumination	$\geq 1000\text{Lux}$
Display	LCD display
Control System	Microprocessor

Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity;High filter pressure alarm.
Standard Accessory	LED lamp x2, UV lamp x1, Remote control, Waterproof sockets x2
Optional Accessory	SS Water tap x1, SS Gas tap x1,Base stand
Waterproof Socket	Two, total load of two sockets: 500W
Noise	≤67dB
Internal Size (WxDxH)	600x500x540mm
External Size (WxDxH)	700x650x1230mm (without base stand)
Package Size (WxDxH)	Carton: 850x787x450mm Wood: 860x970x1420mm (with base stand) Carton: 730x787x1450mm Wood: 860x780x1420mm (without base stand)
Gross Weight	Carton: 140kg Wood: 160kg (with base stand) Carton: 120kg Wood:140kg (without base stand)
Power Supply	AC220V±10%, 50/60HZ;110V±10%, 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		

LABSTAC

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