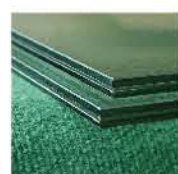


Class II A2 Biological Safety Cabinet



LCD Display
Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



Front Window
Two-layer laminated toughened glass >5mm, anti UV



Work Zone
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Footmaster Caster
Universal caster with brake and leveling feet.



Remote Control
All functions can be realized with it, making the operation much easier and more convenient.



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



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Waterproof Socket
2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.

ADVANTAGE

1. Motorized front window.
2. Time reserve function.
3. HEPA filter life and UV life indicator.
4. Automatic air speed adjustable with filter block.
5. Work area surrounded by negative pressure, it can ensure maximum safety in work area.
6. Audio and visual alarm (Filter replacement, window over height, abnormal air flow velocity etc).
7. Most accessories are standard. No need to pay more, save your money.
8. Remote control: all functions can be realized with it, making the operation much easier and more convenient.
9. Foot switch: adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.
10. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window.

TECHNICAL PARAMETERS

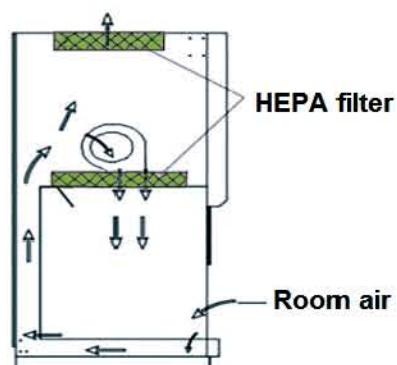
Model	BSC-1100IIA2-X	BSC-1300IIA2-X	BSC-1500IIA2-X	BSC-1800IIA2-X	BSC-2000IIA2-X
Internal Size(W*D*H)	940*600*660mm	1100*600*660mm	1350*600*660mm	1710*600*660mm	1800*600*660mm
External Size(W*D*H)	1100*750*2250mm	1300*850*2200mm	1500*750*2250mm	1870*750*2290mm	1950*800*2305mm
Tested Opening	Safety Height ≤ 200 mm				
Max Opening	400 mm				
Inflow Velocity	0.53±0.025 m/s				
Downflow Velocity	0.33±0.025 m/s				
HEPA Filter	Two, 99.999% efficient at 0.3 μm. Filter life indicator.				
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.				
Noise	EN12469 ≤ 58 dB / NSF49 ≤ 61 dB				
UV Lamp	30W*1	18W*1	40W*1	40W*2	40W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.				
Fluorescent Lamp	21W*2	21W*2	28W*2	40W*2	40W*2
Illumination	≥1000Lux				
Consumption	760W	1060W	1300W	1350W	1700W
Waterproof Sockets	Two, total load of two sockets: 500W				
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.				
Control System	Microprocessor				
Airflow System	70% air recirculation, 30% air exhaust				
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity.				
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating.				
Work Surface Height	750mm				
Caster	Footmaster caster.				
Power Supply	110/220V±10%, 60/50Hz				
Standard Accessory	Fluorescent lamp, UV lamp*2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets*2				
Optional Accessory	Water and gas tap				
Gross Weight	243kg	280kg	316kg	395kg	420kg
Package Size(W*D*H)	1220x1000x1840mm	1460x1050x1800mm	1630x1000x1820mm	2000x950x1820mm	2090*1050*1860mm



Class II A2 Biological Safety Cabinet



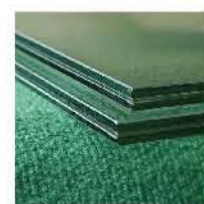
Air Pattern for BSC-1200IIA2-Z



Work Tray
Work Tray, made of 304 stainless steel, is surrounded by negative pressure.



LCD Display
Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



Front Window
5mm toughened glass



Footmaster Caster
Universal caster with brake and leveling feet.

TECHNICAL PARAMETERS

Model	BSC-1200IIA2-Z
External Size (W*D*H)	1200* 695* 2200mm
Internal Size (W*D*H)	1100* 540* 600mm
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel
Max Opening	450mm
Front & Side Windows	5mm toughened glass
Pre-filter	Washable
Filter	2 HEPA filter with 99.999% efficiency at 0.3µm.
Display	LCD display: filter pressure, airflow velocity, filter life
Airflow Velocity	inflow velocity >0.5m/s dowflow velocity >0.3m/s
Work Area Pressure	Negative
Protection	Three: operator, sample,environment
Noise	≤ 60dB
Front Window	Motorized
IV Bar	One IV bar with 10 pothooks for medicine bottles
Illumination	≥1000 Lux
Fluorescent Lamp	21 W * 1
Work Surface Height	750 mm
Caster	Footmaster caster.
Power Supply	110/220V±10%, 60/50Hz
Standard Accessory	Fluorescent lamp, Base stand
Consumption	1000 W
Gross Weight	200kg
Package Size (W*D*H)	1390*1000*1650mm