



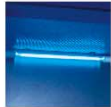
Class II B2 Biological Safety Cabinet



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



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



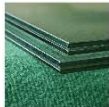
UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



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



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



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



Footmaster Caster
Universal caster with brake and leveling feet.



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



Exhaust Blower
Centrifugal fan, Speed adjustable.

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-1100II B2-X	BSC-1300II B2-X	BSC-1500II B2-X	BSC-1800II B2-X
Internal Size(W*D*H)	940*600*660mm	1100*600*660mm	1350*600*620mm	1600*670*630mm
External Size(W*D*H)	1100*750*2250mm	1300*850*2200mm	1500*760*2250mm	1800*840*2275mm
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			
Pre-filter	Washable			
HEPA Filter	Two, 99.999% efficient at 0.3 um. Filter life indicator.			
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV			
Noise	EN12469≤58 dB / NSF49≤61dB			
UV Lamp	20W× 1	20W× 1	30W× 1	40W× 1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
Fluorescent Lamp	21W× 1	21W× 1	28W× 1	35W× 2
Illumination	≥1000Lux			
Consumption	1050W	1350W	1550W	1900W
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	0 Air Recirculation, 100% Air Exhaust			
Visual and audio alarm	Filter replacement, window over height, abnormal air flow velocity.			
Exhaust Duct	4 meters PVC duct, Diameter:300mm			
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating.			
Work Surface Height	750mm			
Caster	Universal caster with brake and leveling feet			
Power Supply	110/220V±10%, 60/50Hz			
Standard Accessory	Fluorescent Lamp, UV lamp*2, Base Stand, Remote control, Foot switch, Exhaust blower, Exhaust duct, Drain valve, Waterproof sockets*2, Pipe strap*2.			
Optional Accessory	Water and gas tap			
Gross Weight	350kg	360kg	440kg	470kg
Package	Main Body	1250*1050*1870mm	1450*1050*1870mm	1640*1050*1860mm
	Exhaust Blower	1060*970*580mm	1060*970*580mm	1060*970*580mm