



Class II B2 Biological Safety Cabinet

Features:

- ◆ Time reserve function.
- ◆ Motorized front window.
- ◆ HEPA filter life and UV life indicator.
- ◆ Automatic air speed adjustable with filter block.
- ◆ With memory function in case of power-failure.
- ◆ Work area surrounded by negative pressure, it can ensure maximum safety in work area.
- ◆ Most accessories are standard, which saves your money. There is no need to pay more.
- ◆ Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc).
- ◆ Remote control. All functions can be realized with it, making the operation much easier and more convenient.
- ◆ Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window
- ◆ Foot switch. Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Technical Specifications:

Model	BSC-1100IIB2-X	BSC-1300IIB2-X	BSC-1500IIB2-X	BSC-1800IIB2-X	
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1700*600*660mm	
External Size (W*D*H)	1100*750*2250mm	1300*750*2250mm	1500*760*2250mm	1873*775*2270mm	
Tested Opening	Safety Height 200mm(8")				
Max Opening	420 mm (17")	420 mm (17")	500mm (20")	480mm (20")	
Inflow Velocity	0.53±0.025m/s				
Downflow Velocity	0.33±0.025m/s				
Pre-Filter	Washable				
HEPA Filter	Two, 99.999% efficiency at 0.3µm, filter life indicator.				
Front Window	Motorized, two-layer laminated toughened glass z 5mm, anti UV				
Noise	NSF 49 W 61dB / EN 12469 M 58dB				
UV Lamp	30W*1	30W*1	40W*1	40W*1	
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.				
Illuminating Lamp	LED lamp				
	12W*	14W*	16W*	16W*2	
Illumination	≥1000Lux				
Consumption	700W	850W	900W	1200W	
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 re-circulation, 100% air exhaust				
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height				
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	Footmaster caster				
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC-1800IIB2-X)				
Standard Accessory	Illuminating 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, Electric height adjustable base stand				
Gross Weight	246kg	276kg	302kg	408kg	
Package	Main Body	1230*990*1810mm	1460*1050*1800mm	1650*990*1810mm	2000*950*1820mm
	Exhaust Blower (W*D*H)	970*810*630mm	970*810*630mm	970*810*630mm	970*810*680mm