

BSC-1100B2,1300B2,1500B2,1800B2 Biological Safety Cabinet (Class II)



Advantage

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

airflow turbulence caused by arm movement.

Specifications

MODEL	BSC-1100IIB2	BSC-1300IIB2	BSC-1500IIB2	BSC-1800IIB2
External Size (W*D*H) (mm)	1100*750*2250	1300*750*2250	1500*760*2250	1820*750*2250
Internal Size (W*D*H) (mm)	940*600*660	1150*600*660	1350*600*660	1670*600*660
Tested Opening	Safety Height 200 mm (8")			
Max Opening	420 mm (17")	420 mm (17")	500mm (20")	480mm (20")
Inflow Velocity	0.53±0.025 m/s			
Downflow Velocity	0.33±0.025 m/s			
ULPA Filter	Two, 99.9995% efficient at 0.12 um. Filter life indicator.			
Front Window	Motorized. Two-layer laminated toughened glass ≥6mm. Anti UV			
Noise	NSF49≤61dB / EN12469≤58 dB			
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× 2	12W× 2	16W× 2	16W*2
Illumination	≥ 1000Lux			
Consumption	800W	850W	1300W	1300W
Waterproof Socket	Two, total load of two sockets: 500W			
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and down flow 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; high filter pressure alarm.			
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 (size can be customized according to requirements)			

Caster		Footmaster caster			
Power Supply		110/220V±10%, 60/50Hz			
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		240kg	280kg	300kg	408kg
Package (mm)	Main Body (W*D*H)	1220*1000*1820	1460*1000*1820	1630*1000*1820	1930*1000*1820
	Exhaust Blower (W*D*H)	970*810*630	970*810*630	970*810*630	970*810*680