



Class II B2  
Biological Safety  
Cabinet



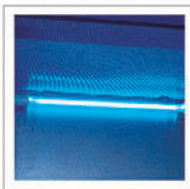
**LCD Display**  
Large digital display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



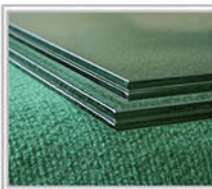
**Work Zone**  
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



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



**UV Lamp**  
Emission of 253.7 nanometers for most efficient decontamination.



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



**Footmaster Caster**  
Universal caster with brake and leveling feet



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



**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. Time reserve function.
- 2. Motorized front window.
- 3. HEPA 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).
- 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.

TECHNICAL PARAMETERS

Model	ISC-1100IIB2-X	ISC-1300IIB2-X	ISC-1500IIB2-X	I BSC-1800IIB2-X
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1670*600*660mm
External Size (W*D*H)	1100*750*2250mm	1300*750*2250mm	1500*760*2250mm	1820*750*2250mm
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 ≥ 5mm, anti UV			
Noise	NSF 49 ≤ 61dB / EN 12469 ≤ 58dB			
UV Lamp	30W*1	30W*1	40W*1	40W*2
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
Illuminating Lamp	LED lamp	LED lamp	LED lamp	Fluorescent Lamp
	12W*2	14W*2	16W*2	40W*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 ISC-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
	Exhaust Blower (W*D*H)	970*810*630mm	970*810*630mm	970*810*630mm
				920*710*680mm