SFDA CE (certification logos)

Class II B2 Biological Safety Cabinet

Button Screen
Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.

Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.

Footmaster Caster
Universal caster with brake and leveling feet

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.

Button Screen Type   **Color Touch Screen Type**

BSC-1100/1300/1500IIB2-X

Button Screen Type   **Color Touch Screen Type**

BSC-1800IIB2-X

Front Window
Two-layer laminated toughened glass>6mm, Anti UV

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

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.

TECHNICAL PARAMETERS

Model		BSC-1100IIB2-X	BSC-1300IIB2-X	BSC-1500IIB2-X	BSC-1800IIB2-X
External Size (W*D*H)		1100*750*2250mm	1300*750*2250mm	1500*750*2250mm	1800*775*2250mm
Internal Size (W*D*H)		940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm
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			
ULPA Filter		Two, 99.9995% efficiency at 0.12μm, filter life indicator.			
Front Window		Motorized, two-layer laminated toughened glass, anti UV			
Noise		≤ 67dB			
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 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; High filter pressure alarm.			
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		AC 220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC-1800IIB2-X)			
Standard Accessory		LED lamp*2, UV lamp*1, 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		243kg;58kg	282kg;60kg	300kg;60kg	408kg;60kg
Package	Main Body	1230*1000*1820mm	1460*1050*1820mm	1650*1000*1820mm	1950*1000*1950mm
	Exhaust Blower (W*D*H)	970*810*630mm	970*810*630mm	970*810*630mm	920*710*680mm