

Basic Series Class II B2 Biological Safety Cabinet



LORDERAN



BSC-1100/1300/1500IB2-X



BSC-1800IB2-X



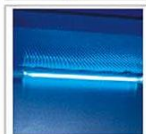
Button Screen

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



Footmaster Caster

Universal caster with brake and leveling feet



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



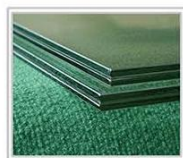
Foot Switch

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



Color Touch Screen

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



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-1100IB2-X	BSC-1300IB2-X	BSC-1500IB2-X	BSC-1800IB2-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			
Exhaust Volume	1050 m ³ /h	1150 m ³ /h	1270 m ³ /h	1800 m ³ /h
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	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-1800IB2-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, Color Touch Screen			
Gross Weight	243kg;58kg	282kg;60kg	300kg;60kg	408kg;60kg
Package	Main Body	1230*1000*1820mm	1460*1050*1820mm	1650*1000*1820mm
	Exhaust Blower (W*D*H)	970*810*630mm	970*810*630mm	970*810*630mm
		970*810*630mm	970*810*630mm	920*710*680mm