AC Series Class II B2 Biological Safety Cabinet



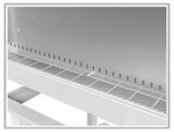


The front window glass can be lowered below the operating area



Color Screen

Real-time and clearer display of various values and appointment timing function.



Anti-paper dust structure



Work Zone

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



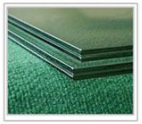
Foot Switch

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



Remote Control

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



Front Window

Motorized, Two-layer laminated toughened glass >6mm, Anti UV.



Footmaster Caster

Universal caster with brake and leveling feet.



Cabinet Support Block

Easy to lift, prevent hand pressing



Iron hook support rod for panel support



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

1. Color key display: large screen, more clear and dynamic display of various values of the safety cabinet, and has the function of appoint ment timing.
2. Automatically adjust the wind speed.
3. With power-failure memory function, the state before power-failure will be restored after power-on, and there will be visual prompts and alarms.
4. The integrated design of the operation area makes it easy to disassemble and clean.
5. The cabinet is separated from the base. The height of the adjustable base can be customized.
6. Interlocking function: UV lamp and front window; UV lamp and fan, LED lamp; fan and front window.
7. It has the function of appointment timing, which can automatically set the time of starting and shutting down the safety cabinet and the running time of ultraviolet lamps, fans and sockets.
8. The front window closes the double trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on.
9. The negative pressure air duct is equipped with a foreign matter filtering structure to prevent foreign matter such as paper scraps from entering the fan system and affecting the normal operation of the product.
10. The front window glass has a one-key lift function
11. The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, with a larger viewing angle, convenient operation and more humanization.
12. The one-piece hand rest has a large flat surface, which has a larger contact area with the arm and is more comfortable.

TECHNICAL PARAMETERS

Model		BSC-1100 II B2-X	BSC-1300 II B2-X	BSC-1500 II B2-X	BSC-1800 II B2-X
External Size (W*D*H)		1100*775*2250mm	1300*775*2250mm	1500*775*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		480mm			
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≥6mm. Anti UV			
Noise		≤65 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			
LED Lamp		12W*2	14W*2	16W*2	16W*2
Illumination		≥1000Lux			
Consumption		1300W	1300W	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 downflow velocity, filter life, humidity and temperature, system working time etc.			
Control System		Microprocessor			
Airflow System		0% air recirculation, 100% air exhaust			
Visual and Audio Alarm		Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm, abnormal power failure			
Material		Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height		770mm (Can be customized)			800mm (Can be customized)
Caster		Footmaster caster			
Power Supply		AC220V 50 / 60Hz; 110V 60Hz			
Standard Accessory		LED lamp 2pcs, UV lamp 2pcs, Base stand, Remote control, Foot switch, Drain valve, Waterproof socket 2pcs, Exhaust blower, Exhaust duct			
Optional Accessory		Water and gas tap, Electric height adjustable base stand, Armrest			
Gross Weight		275kg; 58kg	320kg; 63kg	340kg; 63kg	390kg; 72kg
Package	Main Body,	1230*990*1840mm	1430*990*1840mm	1630*990*1840mm	1930*990*1840mm
	Exhaust Blower (W*D*H)	930*800*700mm	930*860*740mm	930*860*740mm	930*860*740mm