AC Series Class II B2 Biological Safety Cabinet

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

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 appointment timing.
2. Automatically adjust the wind speed.
3. With power-off memory function, the state before power-off 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, 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		440mm			
Inflow Velocity		0.53±0.025m/s			
Downflow Velocity		0.33±0.025m/s			
ULPA Filter		Two, 99.9995% efficiency at0.12μm, 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 235.7 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		750mm (Size can be customized according to requirements)			
Caster		Footmaster caster			
Power Supply		AC220V 50 / 60Hz; 110V 60Hz			
Standard Accessory		LED lamp 2pcs, UV lamp 1pc, 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		243kg; 52kg	282kg; 64kg	300kg; 64kg	408kg; 64kg
Package	Main Body, Exhaust Blower (W*D*H)	1230*1060*1840mm	1430*1060*1840mm	1630*1060*1840mm	1930*1060*1840mm
		930*800*700mm	930*860*740mm	930*860*740mm	930*860*740mm