

AC Series Class II B2 Biological Safety Cabinet



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



Anti-paper dust structure



The front window glass can be lowered below the operating area



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.



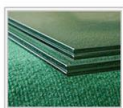
Footmaster Caster
Universal caster with brake and leveling feet.



Iron hook support rod for panel support



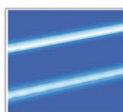
Foot Switch
Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



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



Cabinet Support Block
Easy to lift, prevent hand pressing



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-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 | 243kg; 52kg | 282kg; 64kg | 300kg; 64kg | 408kg; 64kg |
| Package | Main Body, Exhaust Blower (W*D*H) 1230*990*1840mm 930*800*700mm | 1430*990*1840mm 930*860*740mm | 1630*990*1840mm 930*860*740mm | 1930*990*1840mm 930*860*740mm |