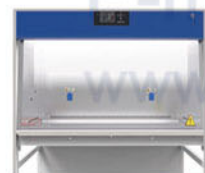




## AC Series Class II A2 Biological Safety Cabinet

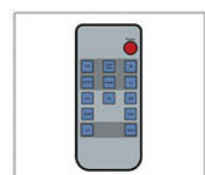


The front window glass can be lowered below the operating area



### 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



### Color Screen

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

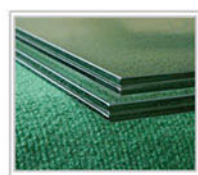


Anti-paper dust structure



### Foot Switch

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



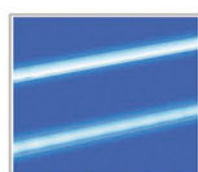
### Front Window

Motorized, Two-layer laminated toughened glass  $\geq 6\text{mm}$ , 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  $10^\circ$  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 A2-X	BSC-1300 II A2-X	BSC-1500 II A2-X	BSC-1800 II A2-X	BSC-2000 II A2-X
External Size (W*D*H)	1100*755*2200mm	1300*755*2200mm	1500*755*2200mm	1800*755*2200mm	1950*775*2200mm
Internal Size (W*D*H)	940*600*660mm	1150*600*660mm	1350*600*660mm	1625*600*660mm	1800*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	≤65dB				
UV Lamp	30W*1	30W*1	40W*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	12W*4
Illumination	≥1000Lux				
Consumption	600W	800W	1300W	1300W	1700W
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	70% air recirculation, 30% 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(except for BSC-2000 II A2-X 4pcs), UV lamp 2pcs, Base stand, Remote control, Foot switch, Drain valve, Waterproof socket 2pcs				
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest				
Gross Weight	220kg	280kg	316kg	366kg	420kg
Package Size (W*D*H)	1230*990*1840mm	1430*990*1840mm	1630*990*1840mm	1930*990*1840mm	2080*990*1840mm