

AC Series Class II A2 Biological Safety Cabinet



Color Screen

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



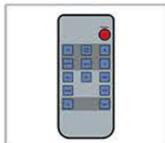
Work Zone

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



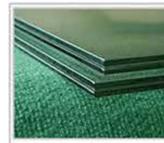
Foot Switch

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.

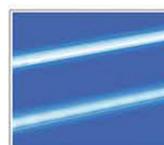


Cabinet Support Block

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 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, 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 one-piece hand resting surface has a larger contact area with the arm and is more comfortable.

TECHNICAL PARAMETERS

Model	BSC-700 II A2-Z	
External Size (W*D*H)	700*650*1920mm (700*650*1280mm without base stand)	
Internal Size (W*D*H)	600*500*540mm	
Tested Opening	Safety height 200mm	
Max Opening	380mm	
Inflow Velocity	0.53±0.025m/s	
Down Flow Velocity	0.33±0.025m/s	
ULPA Filter	Two, 99.9995% efficiency at 0.12µm, filter life indicator	
Front Window	Motorized	
Noise	≤65 dB	
UV Lamp	15W*1 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination	
LED Lamp	8W*2	
Illumination	≥1000Lux	
Consumption	≤500W	
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	70% air recirculation,30% air exhaust	
Visual and Audio Alarm	Filter replacement, window over height, abnormal air flow velocity; High filter pressure alarm, abnormal power failure	
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria power coating	
Work Surface Height	750mm with base stand	
Power Supply	AC220V 50/60Hz; 110V 60Hz	
Standard Accessory	Cabinet*1, LED Lamp*2, UV lamp*2, Remote control, Drain valve*1, Waterproof Socket*2, Foot switch	
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, Base stand*1	
Package Size (W*D*H)	Without Base Stand	800*760*1470mm
	With Base Stand	800*900*1470mm
Gross Weight	Without Base Stand	125kg
	With Base Stand	141kg