Class II A2 Biological Safety Cabinet

ADVANTAGE

1. 7-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing.
2. The power-on password can be set to prevent unrelated personnel from mis-operation.
3. Automatically adjust the wind speed.
4. With power-off memory function, the state before power-off will be restored after power-on, and there will be visual prompts and alarms.
5. The integrated design of the operation area makes it easy to disassemble and clean.
6. The working area is equipped with a wind speed sensor to detect the wind speed in real and real time.
7. It can be used manually and electrically at the same time, and the front window can be closed by pulling down the glass door when the power is off.
8. The cabinet is separated from the base. The height of the adjustable base can be customized.
9. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.
10. 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.
11. The front window closes the double trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on.
12. 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.
13. The front window glass has a one-key lift function
14. The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly.

TECHNICAL PARAMETERS

Model	BSC-1100 II A2-HA	BSC-1300 II A2-HA	BSC-1500 II A2-HA	BSC-1800 II A2-HA
External Size （W*D*H)	1100*800*2200mm	1300*800*2200mm	1500*800*2200mm	1800*800*2200mm
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	Manual and electric. Tempered glass≥5mm.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	1400W	1500W
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			
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 the requirements)			
Caster	Footmaster caster			
Power Supply	AC220V 50/60Hz; 110V 60Hz			
Standard Accessory	LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs			
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair, shelf			
Gross Weight	258kg	291kg	333kg	408kg
Package Size （W*D*H)	1230*1060*1840mm	1430*1060*1840mm	1630*1060*1840mm	1730*1060*1840mm

Color Touch Screen
Touch operation, real-time and clearer display of various values and appointment timing function.

Footmaster Caster
Universal caster with brake and leveling feet.

Stepper Motor

UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.