CE ISO 9001 ISO 13485

Pro Series Class II A2 Biological Safety Cabinet

LCD Display

7 Inch touch screen display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.
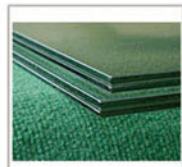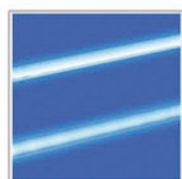
Worktop Holder Usage Diagram

Remote Control
All functions can be realized with it, making the operation much easier and more convenient.

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

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

UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

Anti-paper dust structure

Air-Vent (Optional)

Footmaster Caster
Universal caster with brake and leveling feet.

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

Waterproof Socket
2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.

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

TECHNICAL PARAMETERS

Model	BSC-1100IIA2-Pro	BSC-1300IIA2-Pro	BSC-1500IIA2-Pro	BSC-1800IIA2-Pro
External Size(W*D*H)	1100*750*2210mm	1385*750*2310mm	1500*760*2160mm	1875*780*2310mm
Internal Size(W*D*H)	940*600*655mm	1210*600*660mm	1400*600*660mm	1700*600*660mm
Tested Opening	Safety height 200mm(8")			
Max Opening	420mm(17")	500mm (20")	460mm (18")	520mm(21")
Inflow Velocity	0.53±0.025 m/s			
Downflow Velocity	0.33±0.025 m/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	≤ 67dB			
UV Lamp	30W*1	30W*1	40W*1	
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.			
Illuminating Lamp	LED lamp			
	12W*2	12W*2	16W*2	16W*2
Illumination	≥1000Lux			
Consumption	600W	700W	1300W	
Waterproof Sockets	Two, total load of two sockets: 500W			
Display	7-inch touch screen 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 requirements)			
Caster	Footmaster caster			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Standard Accessory	LED lamp*2, UV lamp*2, base stand, remote control, foot switch, drain valve, waterproof sockets*2			
Optional Accessory	1.Water and gas tap, electric height adjustable base stand, armrest, chair. 2.Wind speed self adjustment function, real-time compensation for wind speed through sensor monitoring. 3.APP networking remote control. 4.485/232/USB data transfer function, supporting data monitoring and export. 5.LED fluorescent lamp brightness adjustment function. 6.Base bracket with manual or electric height adjustment function. 7.Manual lifting front window function. 8.Manual automatic lifting front window function. 9. EC fan			
Package Size(W*D*H)	1250*980*1765mm	1530*1025*1895mm	1640*980*1825mm	2000*1040*1895mm
Gross Weight	265kg	340kg	363kg	430kg