SFDA CE ISO9001 ISO13485

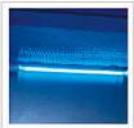# Class II B2 Biological Safety Cabinet

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.

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.

UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

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

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. Larger angle of view, easy to operate and more humanized.
2. Motorized front window.
3. ULPA filter life and UV life indicator.
4. Time reserve function.
5. With memory function in case of power-failure.
6. Self-locking button switch to solve the trouble of losing the key.
7. 7 inch Large touch screen with Intelligent control system: Operators can check detailed status of the cabinet, such as inflow and downflow velocity, work area temperature and humidity, filter pressure, UV working time and filter working time, filter life indicator etc.
8. Audio and visual alarm (filter replacement, window over height, abnormal air flow velocity, etc. High filter pressure alarm).
9. Remote control. All functions can be realized with it, making the operation much easier and more convenient.
10. Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window
11. Foot switch. Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.

TECHNICAL PARAMETERS

Model	BSC-1100IIB2-Pro	BSC-1500IIB2-Pro	BSC-1800IIB2-Pro
External Size (W*D*H)	1100*750*2250mm	1500*840*2275mm	1800*840*2275mm
Internal Size (W*D*H)	940*600*660mm	1300*670*630mm	1600*670*630mm
Tested Opening	Safety Height 200mm(8")		
Max Opening	420 mm (17")	500mm (20")	480mm (20")
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	≤ 67dB		
UV Lamp	30W*1	40W*1	40W*1
	UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.		
Illuminating Lamp	LED lamp		
	12W*2	16W*2	16W*2
Illumination	≥1000Lux		
Consumption	1050W	1270W	1800W
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	0% air re-circulation, 100% air exhaust		
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm.		
Exhaust Duct	4 meters PVC duct, Diameter:300mm		
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	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC-1800IIB2-Pro)		
Standard Accessory	Illuminating lamp, UV lamp*2, base stand, remote control, foot switch, exhaust blower, exhaust duct, drain valve, waterproof sockets*2, pipe strap*2		
Optional Accessory	Water and gas tap, Electric height adjustable base stand		
Gross Weight	240kg	325kg	420kg
Package — Main Body	1250*990*1770mm	1650*990*1820mm	2000*1075*1910mm
Package — Exhaust Blower (W*D*H)	930*800*690mm	930*800*710mm	920*710*680mm