



CLASS II BIOSAFETY CABINET BCBS-803

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CLASS II B2 BIOLOGICAL SAFETY CABINET



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 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).

SPECIFICATIONS

Model	BCBS-803
External Size (W*D*H)	1875*795*2280mm
Internal Size (W*D*H)	1700*600*660mm
Tested Opening	Safety Height 200mm(8")
Max Opening	480mm(20")
Inflow Velocity	0.53±0.025m/s
Downflow Velocity	0.33±0.025m/s
ULPA Filter	Two, 99.9995% efficiency at 0.12um, filter life indicator.
Front Window	Motorized, two-layer laminated toughened glass = 6mm, anti UV
Noise	<67dB
UV Lamp	40W*1UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
Illuminating Lamp	LED lamp 16W*2
Illumination	≥1000Lux
Consumption	1400W
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	AC220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC-180011B2-Pro)
Standard Accessory	LED lamp*2, 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	420kg; 60kg
Package Main Body	2000*1040*1895mm
Package Exhaust Blower (W*D*H)	920*790*840mm
Alt Name	Class II B2 Biological Safety Cabinet

FEATURES

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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.

LCD Display, 7 inch large touch screen is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



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.



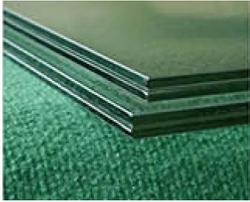
Footmaster Caster, Universal caster with brake and leveling feet



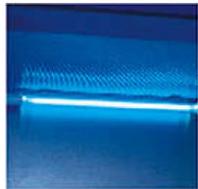
Foot Switch, Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Front Window, Two-layer laminated toughened glass >5mm, anti UV



UV Lamp, Emission of 253.7 nanometers for most efficient decontamination



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



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