



## CLASS II BIOSAFETY CABINET BEM1Q1 (BCBS-801)

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## CLASS II B2 BIOLOGICAL SAFETY CABINET



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 optimu

## SPECIFICATIONS

Model	BEM1Q1
Old Model	BCBS-801
External Size (W*D*H)	1100*750*2255mm
Internal Size (W*D*H)	940*600*660mm
Tested Opening	Safety Height 200mm(8")
Max Opening	420mm(17")
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	30W*2UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
Illuminating	LED lamp
Lamp	12W*2
Illumination	≥1000Lux
Consumption	800W
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 steelMain 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	265kg; 50kg
Package Main Body	1250*990*1770mm
Package Exhaust Blower (W*D*H)	930*800*690mm
Alt Name	Class II B2 Biological Safety Cabinet

## FEATURES

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.



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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



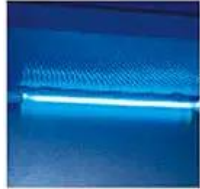
Foot Switch, Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



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.



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. 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.



**Biolab Scientific Ltd.**

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