



## CLASS II BIOSAFETY CABINET BEM1I2 (BCBS-202)

# CLASS II BIOSAFETY CABINET BEM112

## CLASS II A2 BIOLOGICAL SAFETY CABINET



Color Screen, Real-time and clearer display of various values and appointment timing function

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.

Iron hook support rod for panel support

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

Front Window, motorized two-layer laminated toughened glass >6mm, Anti UV.

Cabinet Support Block, Easy to lift, prevent hand pressing

UV Lamp, Emission of 253.7 nanometers for rod for panel support most efficient d

## SPECIFICATIONS

|                        |  |
|------------------------|--|
| Model                  | BEM112   |
| Old Model              | BCBS-202   |
| External Size (W*D*H)  | 1300*755*2200mm  |
| Internal Size (W*D*H)  | 1150*600*660mm   |
| Tested Opening         | Safety height 200mm (8")   |
| Max Opening            | 480mm  |
| Inflow Velocity        | 0.5310.025m/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 26mm. Anti UV/  |
| Noise                  | <65dB  |
| UV Lamp                | 30W*1UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination  |
| LED Lamp               | 14W*2  |
| Illumination           | ≥1000Lux   |
| Consumption            | 800W   |
| 'Waterproof Socket     | Two, total load of two sockets: 500W   |
| 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, abnormal power failure   |
| Work Surface Height    | Work Zone: 304 stainless steelMain Body: Cold-rolled steel with anti-bacteria powder coating   |
| Material               | 770mm (Can be customized)  |
| Caster                 | Footmaster caster  |
| Power Supply           | AC220V 50 / 60Hz; 110V 60Hz  |
| Standard Accessory     | LED lamp 2pcs, UV lamp 1pc, Base stand, Remote control, Foot switch, Drain valve, Waterproof socket 2pcs   |
| Optional Accessory     | Water and gas tap, Electric height adjustable base stand, Armrest  |
| Gross Weight           | 280kg  |
| Package Size (W*D*H)   | 1430*1060*1840mm   |
| Alt Name               | Class II A2 Biological Safety Cabinet  |

## FEATURES

Color Screen, Real-time and clearer display of various values and appointment timing function



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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-off memory function, the state before power-off 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, 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 cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, with a larger viewing angle, convenient operation and more humanization.
12. The one-piece hand rest has a large flat surface, which has a larger contact area with the arm and is more comfortable.



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