



CLASS II BIOSAFETY CABINET BEM1P4 (BCBS-404)

CLASS II BIOSAFETY CABINET BEM1P4

CLASS II B2 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, Two-layer laminated toughened glass >5mm, anti UV
 Cabinet Support Block, Easy to lift, prevent hand pressing
 UV Lamp, Emission of 253.7 nanometers for most efficient decontamination.

SPECIFICATIONS

Model	BEM1P4
Old Model	BCBS-404
External Size (W*D*H)	1800*775*2280mm
Internal Size (W*D*H)	1625*600*660mm
Tested Opening	Safety height 200mm (8")
Max Opening	Max Opening 480mm
Inflow Velocity	0.53±0.025 m/s.
Downflow Velocity	Downflow Velocity 0.33±0.025m/s
ULPA Filter	ULPA Filter Two, 99.9995% efficiency at 0.12um, filter life indicator
Front Window	≤65dB
Noise	
UV Lamp	40W*1UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination
LED Lamp	16W*2
Illumination	≥1000Lux
Consumption	1300W
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	Airflow System 0% air recirculation. 100% air exhaust
Visual and Audio Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm, abnormal power failure
Material	Work Zone: 304 stainless steelMain Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	800mm (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, Exhaust blower, Exhaust duct.
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest
Gross Weight	408kg; 64kg
Package	1930*1060*1840mm

Main Body Exhaust Blower(W*D*H)	930*860*740mm
Alt Name	Class II B2 Biological Safety Cabinet

FEATURES

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



Cabinet Support Block, Easy to lift, prevent hand pressing



UV Lamp, Emission of 253.7 nanometers for most efficient decontamination.



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.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com