



## CLASS II BIOSAFETY CABINET BEM1M1 (BCBS-602)

# CLASS II BIOSAFETY CABINET BEM1M1

## CLASS BIOLOGICAL SAFETY CABINET



Color Touch Screen, Touch operation, real-time and clearer display of various values and appointment timing function  
 Remote Control, All functions can be realized with it making the operation much easier and more convenient.  
 Foot Switch, Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.  
 Wind Speed Sensor & EC Fan  
 Footmaster Caster, Universal caster with brake and leveling feet.  
 Stepper Motor and Handle, The front window can be controlled manually or electrically  
 Cabinet Support Block, Easy to lift, prevent hand pressing  
 Iron hook support rod for panel support

## SPECIFICATIONS

Model	BEM1M1
Old Model	BCBS-602
External Size (W*D*H)	1100*800*2200mm
Internal Size (W*D*H)	940*600*660mm
Tested Opening	Safety height 200mm (8")
Max Opening	460mm
Inflow Velocity	0.53±0.025 m/s.
Downflow Velocity	0.33±0.025m/s
ULPA Filter	Two, 99.9995% efficiency at 0.12um, filter life indicator
Front Window	Manual and electric. Tempered glassz5mm. Anti UV
Noise	<65 dB
Lamp	30w*1UV timer, UV life indicator, emission of 253.7 nanometers for mostefficient decontamination
LED Lamp	12W*2
Illumination	≥1000Lux
Consumption	600W
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	Filter replacement, window over height, abnormal air flow velocity, high filter pressure,abnormal power failure
Material	Work Zone: 304 stainless steelMain Body: Cold-rolled steel with anti-bacteria powder coating
Work Surface Height	770mm (Can be customized)
Caster	Footmaster caster
Power Supply	AC220V 50/60Hz; 110V 60Hz.
Standard Accessory	LED lamp 2pcs, UV lamp 1pc, Base stand, Foot switch, Drain valve, Waterproof sockets 2pcs, EC Fan, Remote control
Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest
Gross Weight	284kg
Package Size (W*D*H)	1230*1060*1840mm
Alt Name	Class II A2 Biological Safety Cabinet

## FEATURES

Color Touch Screen, Touch operation, real-time and clearer display of various values and appointment timing function



Remote Control, All functions can be realized with it making the operation much easier and more convenient.



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



Wind Speed Sensor & EC Fan



Footmaster Caster, Universal caster with brake and leveling feet.



Stepper Motor and Handle, The front window can be controlled manually or electrically



Cabinet Support Block, Easy to lift, prevent hand pressing



Iron hook support rod for panel support



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



1. 7-inch touch color display screen: touch operation, real-time more clear and dynamic display of various values of the safety cabinet, and has the function of appointment timing.
2. The power-on password can be set to prevent unrelated personnel from mis-operation.
3. Automatically adjust the wind speed.
4. With power-off memory function, the state before power-off will be restored after power-on, and there will be visual prompts and alarms.
5. The integrated design of the operation area makes it easy to disassemble and clean.
6. The working area is equipped with a wind speed sensor to detect the wind speed in real and real time.
7. It can be used manually or electrically, and the front window can be closed by pulling down the glass door when the power is off.
8. The cabinet is separated from the base. The height of the adjustable base can be customized.
9. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.
10. 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.
11. The front window closes the double trigger signal, so that the sterilization and disinfection function of the ultraviolet lamp is normally turned on.
12. 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.
13. The front window glass has a one-key lift function
14. The cabinet is designed with a 10° inclination angle, which is in line with ergonomic principles, has a larger viewing angle, is easy to operate and is more user-friendly.



**Biolab Scientific Ltd.**

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

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)