



VERTICAL LAMINAR AIRFLOW

VERTICAL LAMINAR AIRFLOW BER1BK1 TO BER1BK4

MINI LAMINAR FLOW CABINET



Vertical Laminar Airflow BER1BK1

1. HEPA filter with efficiency: 99.995% at 0.3um.
2. Microprocessor control system, LED Display.
3. Front window is 5mm toughened glass, anti-oxidation.
4. Air speed adjustable.
5. Desktop type, with a handle, saving space and easy to move.
6. Pre-filter is polyester fiber, washable and anti-ultraviolet radiation.
7. Automatic cutting off UV lamp function by opening glass.

SPECIFICATIONS

Model	BER1BK1	BER1BK2	BER1BK3	BER1BK4
Applicable Scope	Protect experiment samples			
Airflow Direction	Vertical			
Function				
--Cleanliness	Class 100			
--High Efficiency Filter	0.3um partial ≥99.999%			
--Colony count	≤0.5/vessel (petri dish is Φ90mm)			
--Wind Speed	initial: 0.6; final: 0.2 (m/s)	>0.5 (m/s)	initial: 0.6; final: 0.2 (m/s)	>0.5 (m/s)
--Wind Speed Range	0.2-0.6 (m/s)			
--Noise Level	≤62db			
--Vibration Semi-peak Value	≤3um			
--Work Surface Bearing	10kg			
Composition				
--Inner Chamber	SUS304 Stainless steel plate			
--Outer Shell	Cold rolling steel electrostatic spraying exterior			
--Operation Door	Tempered Glass			
--Operation Door Biggest Opening	310mm			
--Pre-Filter	Polyurethane			
--LED Lamp	8W*1			
--UV Lamp	8W*1			
--Top Fan	90W one piece			
Controller				
--Display	LED (Model II: LCD color screen)			
--Wind Speed Control	Intelligent multi-level adjustable			
--Additional Function	One key to open and close lighting sterilization			
Specification				
--Inner Size (W*L*H) mm	480*340*370			
--Exterior Size (W*L*H) mm	550*460*700			
--Packing Size (W*L*H) mm	680*590*850			

--Max Power	110W	
--Current Rating (50/60Hz)	AC220V/0.5A	
--NW/GW kg	36/41	
Optional Accessories		wind speed sensor
Alt Name	Mini Laminar Flow Cabinet	



FEATURES BER1BK1 BER1BK2

1. HEPA filter with efficiency: 99.995% at 0.3um.
2. Microprocessor control system, LED Display.
3. Front window is 5mm toughened glass, anti-oxidation.
4. Air speed adjustable.
5. Desktop type, with a handle, saving space and easy to move.
6. Pre-filter is polyester fiber, washable and anti-ultraviolet radiation.
7. Automatic cutting off UV lamp function by opening glass.

FEATURES BER1BK3 BER1BK4

1. HEPA filter with efficiency: 99.995% at 0.3um.
2. Microprocessor control system, LED Display.
3. Front window is 5mm toughened glass, anti-oxidation.
4. Air speed adjustable.
5. Desktop type, with a handle, saving space and easy to move.
6. Pre-filter is polyester fiber, washable and anti-ultraviolet radiation.
7. Automatic cutting off UV lamp function by opening glass.
8. They have color screen LCD controller (with sterilization timing, built-in socket controllable switch , front window status display, can set three position interlock , cumulative work timing, remote control)

APPLICATIONS

Table type clean equipment.

VERTICAL LAMINAR AIRFLOW BEM1BG1 BEM1BG2

LAMINAR FLOW CABINET



LED Display, Digital LED Display: Airflow Level

The Display

Waterproof Socket

UV Lamp

The Side Window

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.

2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.

3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.

4. Work surface is made of high quality 304 stainless steel material, beautiful

SPECIFICATIONS

Model	BEM1BG1	BEM1BG2
Flow Mode	Vertical Flow	
Number of Users	Single	
Rated Power	620VA(including operating area socket load 500VA)	650VA(including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz(Standard); 110±10%V, 60Hz(Optional)	
Airflow Velocity	0.2m/s~0.45m/s	
Noise	≤65dB(A)	
Lighting	≥300lx	
Vibration	≤5μm(rms)	
Safety	Colonies number≤0.5CFU/30min	
Clean Grade	ISO level 5(100 levels)	
Filtration Efficiency	HEPA(H14) high efficiency filter, filtration efficiency for 0.3μm particle≥99.995%	
Front Window Safety Height	200mm	
Max Opening	260mm	240mm
Standard Accessory	LED lamp*1, UV lamp*2	LED lamp*2, UV lamp*2, Waterproof socket*2
Optional Accessory	Armrest*2	
Net Weight	45kg	50kg
Gross Weight	57kg	62kg
External Size(W*D*H)	550mm*460mm*700mm	600*460*710mm
Internal Size(W*D*H)	480mm*340mm*370mm	510*355*375mm
Package Size(W*D*H)	740*600*860mm	
Alt Name	Laminar Flow Cabinet	



BEM1BG1



BEM1BG2

FEATURES

LED Display, Digital LED Display: Airflow Level



The Display



Waterproof Socket



UV Lamp



The Side Window



1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.

4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The working area adopts four sides (left and right sides, rear, bottom) positive pressure surround design, effectively protect product safety.
6. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
7. The side windows are made of 5mm thick toughened glass to enhance the lighting permeability of the operation area.
8. The hidden weight structure, manual front window, realizing freely adjusting the opening height of the front window.
9. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
10. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
11. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.
12. Perfect alarm system:
 - (1) The front window is not set height alarm: the front window is set height of 200mm, when the front window is not in the height position and the bottom position, sound alarm will be issued.
 - (2) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued.
 - (3) Filter re replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.
13. Safety interlock protection:
 - (1) Fan and front window interlock: when the front window door falls to the bottom, the fan will automatically close.
 - (2) The ultraviolet lamp, the front window and the lamp interlock: the front window door falls to the bottom and the lamp is not opened, the ultraviolet lamp can be opened to avoid the misoperation of the ultraviolet lamp causing harm to the human body.

VERTICAL LAMINAR AIRFLOW BER1BL1

LAMINAR FLOW CABINET (DESKTOP TYPE)



1. filter with efficiency: 99.995% at 0.3um.
2. Microprocessor control system, LED Display, Air speed adjustable, HEPA filter and sterilization lamp replacement reminder function
3. Desktop type, which can place higher equipment inside. Standard with universal power socket, optional internal and external USB port.
4. Filter is polyester fiber, washable and anti-oxidation.
5. Working. plate can load up to 50KG= UV lamp will be turn off automatically when open the glass window to protect users.

SPECIFICATIONS

Model	BER1BL1
Applicable Station	one person one side
Airflow Direction	Vertical
Function	
--Cleanliness	Class 100 (ISO Class 5)
--Collection Efficiency	0.3um particle ≥99.995%
--Colony count	≤0.5/vessel (petri dish is Φ90mm)
--Wind Speed	initial: 0.5; final: 0.2 (m/s)
--Wind Speed Range	0.2-0.5 (m/s)
--Noise Level	≤62db
--Vibration Semi-peak Value	≤3um
--Illuminant Intensity (Lx)	≥500LX (Activity Center)

--Work Surface	50kg
Composition	
--Inner Chamber	SUS304 Stainless steel plate
--Outer Shell	Cold rolling steel electrostatic spraying exterior
--Operation Door	Tempered Glass
--HEPA Filter (mm)	780*533*50 one piece
--Pre-Filter (mm)	532*446*5 one piece
--Fluorescent Lamp	8W*1
--UV Lamp	8W*1
--Top Fan	160W one piece
--Rated power	180W
Controller	
--Display	LED
--Wind Speed Control	Intelligent multi-level adjustable
---Additional Function	Built in 1 multi-purpose socket, high-efficiency filter, sterilization lamp replacement prompt, foot level adjustment, open the door and cut off UV function
Specification	
--Inner Size (W*L*H) mm	788*613*700
--Exterior Size (W*L*H) mm	852*749*1062
--Packing Size (W*L*H) mm	972*870*1292
--Max power of universal socket	800W
--Current Rating (50/60Hz)	AC220V/0.8A
--NW/GW kg	90/120
Optional	USB internal and external data connection socket, color LCD controller, Special configuration for 3D printer
Alt Name	Laminar Flow Cabinet (Desktop Type)



APPLICATIONS

Table type clean equipment.

VERTICAL LAMINAR AIRFLOW BEM1BH1

LAMINAR FLOW CABINET



LED Display, digital LED Display, Airflow Level

Base Stand

Footmaster caster, universal caster with brake and leveling feet.

UV Lamp

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.

2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.

3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.

4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.

SPECIFICATIONS

Model	BEM1BH1
Flow Mode	Vertical Flow
Number of Users	Single
Rated Power	150VA
Power Supply	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)
Airflow Velocity	0.2 m/s~0.45 m/s
Noise	≤65dB(A)
Lighting	≥300lx
Vibration	≤5μm(rms)
Safety	Colonies number≤0.5CFU/30min
Clean Grade	ISO Level 5 (100 levels)
Filtration Efficiency	HEPA (H14) high efficiency filter, filtration efficiency for 0.3μm particle=99.995%
Front Window Safety Height	~ 200mm
Max Opening	350mm
Work Surface Height	750mm(Customized)
Standard Accessory	LED lamp*2, UV lamp*2, Base stand
Net Weight	175kg
Gross Weight	225kg
External Size(W*D*H)	900*630*1760mm
Internal Size(W*D*H)	800*515*550mm
Package Size(W*D*H)	1050*840*1320mm
Alt Name	Laminar Flow Cabinet

FEATURES

LED Display, digital LED Display, Airflow Level



Base Stand



Footmaster caster, universal caster with brake and leveling feet.



UV Lamp



1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The working area adopts four sides (left and right sides, rear, bottom) positive pressure surround design, effectively protect product safety.
6. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
7. The side windows are made of 5mm thick toughened glass to enhance the lighting permeability of the operation area.
8. The hidden weight structure, manual front window, realizing freely adjusting the opening height of the front window.
9. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
10. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
11. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
12. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.

VERTICAL LAMINAR AIRFLOW BEM1BK1

PP VERTICAL LAMINAR FLOW CABINET



LCD Display, airflow velocity, UV Timer, UV work time, system work time, real time.
UV Lamp, Emission of 254 nanometers for most efficient decontamination.
Waterproof Socket, 2 waterproof sockets are located inside the panel, for optimum convenience of using small devices inside the cabinet.
Footmaster Caster, Universal caster with brake and leveling feet

1. Made of PP material, integrally welded
2. Resistant to strong acid, alkali and strong corrosion
3. With memory function in case of power-failure
4. Interlock function: UV Lamp and blower, LED Lamp
5. The work surface is seamlessly welded with 12mm thick PP plate, which is convenient for overall cleaning.

SPECIFICATIONS

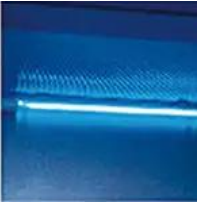
Model	BEM1BK1
External Size(W*D*H)	800*710*1800mm
Internal Size(W*D*H)	780*540*550mm
Work Surface Height	750mm
Material	Main Body: Made of porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion Work Table: Seamlessly welded with 12mm thick PP plate
Front&Side Windows	5mm toughened glass, anti-UV, manual
Pre-filter	Polyester fiber, washable
Filter Size(W*D*H)	560*340*46mm
HEPA Filter	99.995% efficiency at 0.3μm
Airflow Velocity	0.3~0.5m/s
Noise	≤65dB
Max. Opening	400mm
UV Lamp	20W*1, Emission of 253.7 nanometers, with UV time
LED Lamp	8W
Illumination	≥350lx
Caster	Foot master caster
Waterproof Socket	Two, total load≤500W
Consumption	650W
Standard Accessory	UV lamp, Led lamp, Base stand, Waterproof socket*1
Power Supply	220V, 50/60Hz(Standard); 110V, 60Hz(Optional)
Package Size(W*D*H)	1000*900*1300mm
Gross Weight	90kg
Alt Name	PP Vertical Laminar Flow Cabinet

FEATURES

LCD Display, airflow velocity, UV Timer, UV work time, system work time, real time.



UV Lamp, Emission of 254 nanometers for most efficient decontamination.



Waterproof Socket, 2 waterproof sockets are located inside the panel, for optimum convenience of using small devices inside the cabinet.



Footmaster Caster, Universal caster with brake and leveling feet



1. Made of PP material, integrally welded
2. Resistant to strong acid, alkali and strong corrosion
3. With memory function in case of power-failure
4. Interlock function: UV Lamp and blower, LED Lamp
5. The work surface is seamlessly welded with 12mm thick PP plate, which is convenient for overall cleaning.

VERTICAL LAMINAR AIRFLOW BEM1BE1 TO BEM1BE4

VERTICAL LAMINAR FLOW CABINET



SPECIFICATIONS

Model	BEM1BE1	BEM1BE2	BEM1BE3	BEM1BE4
Old Model	BLVR-201	BLVR-202	BLVR-203	BLVR-204
External Size (W*D*H)	680*410*1160mm	802*650*1550mm	1060*620*1850mm	1460*620*1850mm
Intemal Size W'D*H)	630*375*615mm	800*530*540mm	935*530*650mm	1335*530*650mm
Work Surface Height	/	660mm	750mm	
Display	LED Display		LCD Display	
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable		Average of 0.3~0.45m/s, air speed adjustable	
Material	Main Body: Cold-rolled steel with anti-bacteria power coating	Main Body: Cold-rolled steel with anti-bacteria power coatingWork Table: 304 stainless steel		
Pre-Filter	Polyester fiber, washable			
HEPA Filter	99.995% efficiency at 0.3μm			
Noise	≤65dB			
Front Window	/	Manual,5mm toughened glass, anti-UV		
Max Opening	/	490mm	400mm	
Illuminating Lamp	Fluorescent lamp8W*1	LED lamp8W*1	LED lamp12W*1	LED lamp16W*1
UV Lamp	15W*1Emission of 253.7 nanometers	20W*1Emission of 253.7 nanometers		40W*1Emission of 253.7 nanometers
Consumption	160W	350W	150W	250W
Standard Accessory	Fluorescent lampUV lamp*2Water&gas tap	LED lampUV lamp*2Base stand		
Optional Accessory	/	Electric height adjustable base stand		
Caster	/	Universal wheel with leveling feet		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Gross Weight	75kg	121kg	177kg	224kg
Package Size (WD'H)	840*570*1360mm	945*800*1770mm	1235*920*1355mm	1635*920*1355mm
Alt Name	Vertical Laminar Flow Cabinet			



BEM1BE1



BEM1BE2



BEM1BE3 BEM1BE4

VERTICAL LAMINAR AIRFLOW BER1BJ1 TO BER1BJ8

NEW LAMINAR FLOW CABINET



1. Vertical manifold and quasi-closed 304 stainless steel table surface can effectively prevent external gas penetration into the operating clean area.
2. Centrifugal fan, stable speed, low noise, light touch air volume control system, five-stage wind speed control, speed 0.2-0.6m/s adjustable, (initial: 0.6m/s; Final: 0.2m/s).
3. High quality air filter without partition, good purification effect.
4. LCD color screen controller (with sterilization timer, built-in socket instrument controllable switch, front window status display, can set three interlock, cumulative work timing, remote control).
5. CJ-1DIII, CJ-2DIII, CJ-1SIII, CJ-2SIII: wind speed sensor.
6. Automatic cutting off UV lamp function by opening glass.

SPECIFICATIONS

Model	BER1BJ1	BER1BJ2	BER1BJ3	BER1BJ4
Applicable Station	one person one side	one operator two side	two person one side	two person two side
Airflow Direction	Vertical			
Function				
--Cleanliness	Class 100			
--Collection Efficiency	0.3um partial ≥99.995%			
--Colony Count	≤0.5/Vessel (petri dish is Φ90mm)			
--Wind Speed	initial: 0.6; final: 0.2 (m/s)			
--Wind Speed Range	0.2-0.6 (m/s)			
--Noise Level	≤62db			
--Vibration Semi-peak Value	≤3um			
--Illumination Intensity	≥500LX (Activity Center)			
--Work Surface	50kg			
Composition				
--Inner Chamber	SUS304 Stainless steel plate			
--Outer Shell	Cold rolling steel electrostatic spraying exterior			
--Operation Door	Tempered Glass			
--HEPA filter (mm)	900*640*50 one piece		1300*640*50 one piece	
--Pre-Filter	464*360*5 one piece		712*360*5 one piece	
--Fluorescent Lamp	16W*2		24W*2	
--UV Lamp	20W*1		30W*1	

--Top Fan	180W one piece		180W two pieces	
--Rated Power	240W		440W	
Controller				
--Display	LCD color screen			
--Wind Speed Control	Intelligent multi-level adjustable			
--Additional Function	Built-in 2 multi-purpose sockets, high-efficiency filter, sterilization lamp replacement prompt, foot level adjustment, lighting sterilization one key on/off			
Specification				
--Inner Size (W*L*H)	920*690*650		1320*690*650	
--Exterior Size (W*L*H)	1060*763*1834		1460*763*1834	
--Packing Size (W*L*H)	1210*885*1999		1610*885*1999	
--Max power of universal socket	Single socket: 800W			
--Current Rating (50/60Hz)	AC220V/1.8A		AC220V/3.6A	
--NW/GW (kg)	160/200	165/205	200/250	205/255
Optional Accessories	NO.	NO		
Alt Name	New Laminar Flow Cabinet			
Model	BER1BJ5	BER1BJ6	BER1BJ7	BER1BJ8
Applicable Station	one person one side	one operator two side	two person one side	two person two side
Airflow Direction	Vertical			
Function				
--Cleanliness	Class 100			
--Collection Efficiency	0.3um partial ≥99.995%			
--Colony Count	≤0.5/Vessel (petri dish is Φ90mm)			
--Wind Speed	initial: 0.6; final: 0.2 (m/s)			
--Wind Speed Range	0.2-0.6 (m/s)			
--Noise Level	≤62db			
--Vibration Semi-peak Value	≤3um			
--Illumination Intensity	≥500LX (Activity Center)			
--Work Surface	50kg			
Composition				
--Inner Chamber	SUS304 Stainless steel plate			
--Outer Shell	Cold rolling steel electrostatic spraying exterior			
--Operation Door	Tempered Glass			
--HEPA filter (mm)	900*640*50 one piece		1300*640*50 one piece	
--Pre-Filter	464*360*5 one piece		712*360*5 one piece	
--Fluorescent Lamp	16W*2		24W*2	
--UV Lamp	20W*1		30W*1	
--Top Fan	180W one piece		180W two pieces	
--Rated Power	240W		440W	
Controller				
--Display	LCD color screen			
--Wind Speed Control	Intelligent multi-level adjustable			
--Additional Function	Built-in 2 multi-purpose sockets, high-efficiency filter, sterilization lamp replacement prompt, foot level adjustment, lighting sterilization one key on/off			
Specification				
--Inner Size (W*L*H)	920*690*650		1320*690*650	
--Exterior Size (W*L*H)	1060*763*1834		1460*763*1834	

--Packing Size (W*L*H)	1210*885*1999		1610*885*1999	
--Max power of universal socket	Single socket: 800W			
--Current Rating (50/60Hz)	AC220V/1.8A		AC220V/3.6A	
--NW/GW (kg)	160/200	165/205	200/250	205/255
Optional Accessories	NO.	NO		
Alt Name	New Laminar Flow Cabinet			

APPLICATIONS

Vertical flow, airflow direction in the work space down from top to bottom

VERTICAL LAMINAR AIRFLOW BEM1BI1 BEM1BI2 BEM1BI3

LAMINAR FLOW CABINET



LED Display, digital LED Display, Airflow Level

Base Stand

UV Lamp

Waterproof Socket

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.

2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.

3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.

4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.

SPECIFICATIONS

Model	BEM1BI1	BEM1BI2	BEM1BI3
Flow Mode	Vertical Flow.		
Number of Users	Single	1~2	
Rated Power	700VA(including operating area socket load 500VA)		850VA(including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz(Standard); 110V±10%, 60Hz(Optional)		
Airflow Velocity	0.2 m/s~0.45 m/s		
Noise	≤65dB(A)		
Lighting	≥300lx		
Vibration	≤5μm(rms)		
Safety	Colonies number≤0.5CFU/30min		
Clean Grade	ISO Level 5 (100 levels)		
Filtration Efficiency	HEPA(H14) high efficiency filter, filtration efficiency for 0.3μm particle≥99.995%		
Front Window Safety Height	200mm		
Max Opening	350mm		
Work Surface Height	750mm(Customized)		
Standard Accessory	LED lamp*2, UV lamp*2, Base stand, Waterproof socket*2		
Optional Accessory	Armrest*2		
Net Weight	190kg	225kg	235kg
Gross Weight	248kg	289kg	308kg

External Size(W*D*H)	1100*630*1860mm	1300*630*1860mm	1500*630*1860mm
Internal Size(W*D*H)	1000*515*650mm	1200*515*650mm	1400*515*650mm
Package Size(W*D*H)	1250*840*1420mm	1450*840*1420mm	1650*840*1420mm
Alt Name	Laminar Flow Cabinet		

FEATURES

LED Display, digital LED Display, Airflow Level



Base Stand



UV Lamp



Waterproof Socket



1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The working area adopts four sides (left and right sides, rear, bottom) positive pressure surround design, effectively protect product safety.
6. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
7. The side windows are made of 5mm thick toughened glass to enhance the lighting permeability of the operation area.
8. The hidden weight structure, manual front window, realizing freely adjusting the opening height of the front window.
9. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
10. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
11. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.

12. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.

13. Perfect alarm system:

(1) The front window is not set height alarm: the front window is set height of 200mm, when the front window is not in the height position and the bottom position, sound alarm will be issued.

(2) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued.

(3) Filter failure replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.

14. Safety interlock protection:

(1) Fan and front window interlock: when the front window door falls to the bottom, the fan will automatically close.

(2) The ultraviolet lamp, the front window and the lamp interlock: the front window door falls to the bottom and the lamp is not opened, the ultraviolet lamp can be opened to avoid the misoperation of the ultraviolet lamp causing harm to the human body.

VERTICAL LAMINAR AIRFLOW BGI1BV1 TO BGI1BV4

CLEAN BENCH



- Reservation on/off control for fan & UV light
- High quality, quiet fan, adjustable air volume
- Universal electrical outlet
- An additional pre-filter below work surface helps capture large particles and prolongs HEPA filter life
- Working area is equipped with floodlights and ultraviolet sterilizing lamps
- The sliding tempered glass window with self-balancing design, can be stopped any position that customer want.

SPECIFICATIONS

Model	BGI1BV1	BGI1BV2	BGI1BV3
Num. of operator	one people one side	one people two side	two people one side
Laminar Flow	Vertical		
Cleanliness	ISO class 5, ISO-14644-1		
CFU	$\leq 0.5/\text{Dish}^* \text{ h}$ ($\phi 90\text{mm}$ petri dish)		
Air Velocity	$\geq 0.3\text{m/s}$		
Noise	$\leq 62\text{dB}$		
Vibration	$\leq 3\mu\text{m}$		$\leq 4\mu\text{m}$
Illumination	$\geq 300\text{Lx}$		
Power input	AC220V/50Hz		
Peak power	250VA		500VA
External Dimensions W x D x H(mm)	870x690x520		1360x690x520
Internal Work Area W x D x H(mm)	1010x765x1610	1010x780x1610	1500x765x1610
Alt Name	Clean Bench		

Model	BGI1BV4
Num. of operator	two people two sides
Laminar Flow	Vertical
Cleanliness	ISO class 5, ISO-14644-1
CFU	$\leq 0.5/\text{Dish}^* \text{ h}$ ($\phi 90\text{mm}$ petri dish)
Air Velocity	$\geq 0.3\text{m/s}$
Noise	$\leq 62\text{dB}$

Vibration	≤4μm
Illumination	≥300Lx
Power input	AC220V/50Hz
Peak power	500VA
External Dimensions W x D x H(mm)	1360x690x520
Internal Work Area W x D x H(mm)	1500x780x1610
Alt Name	Clean Bench



BGI1BV1 BGI1BV2



BGI1BV3 BGI1BV4

MORE INFO

We provides high-quality, safe Vertical Laminar Clean Benches. Clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.

VERTICAL LAMINAR AIRFLOW BEM1BF1 BEM1BF2

VERTICAL LAMINAR FLOW CABINET - DOUBLE SIDES TYPE



LED Display, Microprocessor control system.
 UV Lamp, Emission of 253.7 nanometers for most efficient decontamination
 Double Sides, Double sides work bench, operators can sit face to face.
 1. With memory function in case of power-failure.
 2. Double sides work bench, 2~4 operators can work together.

SPECIFICATIONS

Model	BEM1BF1	BEM1BF2
Old Model	BLVR-301	BLVR-302
External Size (W*D*H)	1040*660*1770mm	1440*660*1770mm
Internal Size (W*D*H)	940*560*545mm	1340*560*545mm
Work Surface Height	750mm	
Display	LED Display	
Airflow Velocity	Average of 0.3~0.5m/s	
Material	Main Body: Cold-rolled steel with anti-bacteria powder coatingWork Table: 304 stainless steel	
Pre-Filter	Polyester fiber, washable	
HEPA Filter	99.995% efficiency at 0.3μm	

Noise	<65dB	
Front Window	Manual, 5mm toughened glass, anti-UV	
Max Opening	310mm	
UV Lamp	20W*1Emission of 253.7 nanometers	30W*1Emission of 253.7 nanometers
LED Lamp	12W*1	16W*1
Consumption	350W	600W
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2, Base stand	
Optional Accessory	Electric height adjustable base stand	
Gross Weight	150kg	186kg
Package Size (W*D*H)	1190*890*1340mm	1590*890*1340mm
Alt Name	Vertical Laminar Flow Cabinet - Double Sides Type	

FEATURES

LED Display, Microprocessor control system.



UV Lamp, Emission of 253.7 nanometers for most efficient decontamination



Double Sides, Double sides work bench, operators can sit face to face.



1. With memory function in case of power-failure.
2. Double sides work bench, 2~4 operators can work together.

VERTICAL LAMINAR AIRFLOW BEM1BJ1 BEM1BJ2 BEM1BJ3

VERTICAL LAMINAR FLOW CABINET - RETURN AIR TYPE



LCD display, display content: wind speed, time including the working time of the UV lamp and the working time of the filter.

UV Lamp, Emission of 254 nanometers for most efficient decontamination.

Two splash proof sockets.

1. Air return type structure design: Part of the clean air is recycled to reduce the operator's

blowing feeling and prolong the life of the filter.

2. Product safety: the number of colonies is less than or equal to 0.5CFU/30min.

3. Filtration efficiency: For 0.3 μ m particles, the filtration efficiency can reach 99.995%.

SPECIFICATIONS

Model	BEM1BJ1	BEM1BJ2	BEM1BJ3
Airflow Pattern	Vertical laminar flow, return air		
Applicable number of people	1	2	3
External Size(W*D*H)	1100*710*1850mm	1500*710*1850mm	1800*710*1850mm
Instrument Size(W*D*H)	1000*575*625mm	1400*575*625mm	1700*575*625mm
Work Surface Height	750mm		
Max Opening	400mm		
Air Velocity	0.3~0.45m/s		
Airflow Volume	750m³/h		
Noise	≤65dB(A)		
LED Lamp	12W*1	16W*1	
UV Lamp	20W*1	40W*1	
Power Supply	220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	700W	750W	900W
HEPA Filter	1 pcs		
Gross Weight	190kg	240kg	280kg
Package Size	1240*980*1350mm	1640*980*1350mm	1940*980*1350mm
Alt Name	Vertical Laminar Flow Cabinet - Return Air Type		

FEATURES

LCD display, display content: wind speed, time including the working time of the UV lamp and the working time of the filter.



UV Lamp, Emission of 254 nanometers for most efficient decontamination.



Two splash proof sockets.



1. Air return type structure design: Part of the clean air is recycled to reduce the operator's blowing feeling and prolong the life of the filter.
2. Product safety: the number of colonies is less than or equal to 0.5CFU/30min.
3. Filtration efficiency: For 0.3 μ m particles, the filtration efficiency can reach 99.995%.

VERTICAL LAMINAR AIRFLOW BEM1BC1 BEM1BC2

ETL CERTIFIED VERTICAL LAMINAR FLOW CABINET



- UV Lamp, Emission of 253,7 nanometers for most efficient decontamination
- Waterproof Socket, America Standard
- Footmaster Caster, Universal caster with brake and leveling feet
- Wind Speed Sensor, Direct measurement of wind speed
- 1. ETL certified, Satisfy North American market.
- 2. With memory function in case of power-failure.
- 3. Audio and visual alarm(Abnormal airflow velocity).
- 4. Interlock function: UV Lamp and blower, LED Lamp.

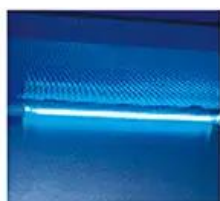
SPECIFICATIONS

Model	BEM1BC1	BEM1BC2
Old Model	BLVR-304	BLVR-306
External Size(W*D*H)	1100*700*(2090~2340)mm	1500*700*(2090~2340)mm
Internal Size(W*D*H)	1000*575*625mm	1400*575*625mm
Work Surface Height	760~1010mm	
Max Opening	480mm	
Display	LCD Display	
Airflow Velocity	80~99fpm	
Material	Working area: 304 stainless SteelMain Body: Cold-rolled steel with anti-bacteria powder coating.Front Window: Motorized,5mm toughened glass, anti-UV	
Pre-Filter	Polyester fiber	
HEPA Filter	One,99.995% efficiency at 0.3 μ m	

Noise	$\leq 68\text{dB(A)}$	
Illumination	≥ 3001	
Waterproof Sockets	One socket (Double type), America standard, Max. Power: 500W	
Power Supply	103.5~126.5V, 60Hz, 10A	
Consumption	1110W	
UV Lamp	30W*1	40W*1
LED Lamp	14W*1	18W*1
Standard Accessory	Manually height adjustable base stand, LED lamp, UV lamp, wind speed sensor, waterproof socket	
Package Size (W*D*H)	1245*990*1610mm	1645*990*1610mm
Gross Weight	230kg	280kg
Alt Name	ETL Certified Vertical Laminar Flow Cabinet	

FEATURES

UV Lamp, Emission of 253,7 nanometers for most efficient decontamination



Waterproof Socket, America Standard



Footmaster Caster, Universal caster with brake and leveling feet



Wind Speed Sensor, Direct measurement of wind speed



1. ETL certified, Satisfy North American market.
2. With memory function in case of power-failure.
3. Audio and visual alarm (Abnormal airflow velocity).
4. Interlock function: UV Lamp and blower, LED Lamp.

VERTICAL LAMINAR AIRFLOW BEM1BD1 BEM1BD2

VERTICAL LAMINAR FLOW CABINET



LCD Display, Airflow velocity, UV timer, UV work time, system work time, real time.
 Waterproof Socket, 2 waterproof sockets are located inside the panel, for optimum convenience of using small devices inside the cabinet.
 Side Glass Window, The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.
 Gas Tap
 UV Lamp, Emission of 253.7 nanometers for most efficient decontamination.

SPECIFICATIONS

Model	BEM1BD1	BEM1BD2
Old Model	BLVR-101	BLVR-102
External Size (W*D*H)	1300*750*2040mm	1800*750*2040mm
Internal Size (W*D*H)	1200*645*610mm	1700*645*610mm
Work Surface Height	750mm	
Display	LCD Display	
Airflow Velocity	Average of 0.3~0.5m/s	
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel Side and Front Windows: 5mm toughened glass anti-UV	
Pre-Filter	Polyester fiber, washable	
HEPA Filter	99.995% efficiency at 0.3µm	
Noise	≤65dB	
Front Window	Motorized	
Max Opening	430mm	
LED Lamp	12W*1	16W*1
UV Lamp	30W*1 Emission of 253.7 nanometers	40W*1 Emission of 253.7 nanometers
Consumption	400W	450W
Waterproof Socket	Two, total loads 500W	
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2	
Optional Accessory	Electric height adjustable base stand	
Gross Weight	228kg	306kg
Package Size (W*D*H)	1460*1070*1650mm	1960*970*1600mm
Alt Name	Vertical Laminar Flow Cabinet	

FEATURES

LCD Display, Airflow velocity, UV timer, UV work time, system work time, real time.



Waterproof Socket, 2 waterproof sockets are located inside the panel, for optimum convenience of using small devices inside the cabinet.



Side Glass Window, The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.



Gas Tap



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



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