



HORIZONTAL LAMINAR AIRFLOW

HORIZONTAL LAMINAR AIRFLOW BGI1BV5 BGI1BV6

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	BGI1BV5	BGI1BV6
Num. of operator	one people one side	two people one side
Laminar Flow	Horizontal	
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)	825x480x600	1680x480x600
Internal Work Area W x D x H(mm)	900x700x1450	1760x700x1450
Alt Name	Clean Bench	



BGI1BV5



BGI1BV6

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.

HORIZONTAL LAMINAR AIRFLOW BEM1BB1 BEM1BB2

LAMINAR FLOW CABINET



Temperature and, Humidity Sensor
LED Display, Digital LED Display: Airflow Level
Base Stand
Footmaster Caster, Universal Caster with, Brake and Leveling Feet
UV Lamp
Waterproof Socket

1. The cabinet is designed with a 10° inclination angle, 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.

SPECIFICATIONS

Model	BEM1BB1	BEM1BB2
Flow Mode	Horizontal Flow	
Number of Users	1~2	1~3
Rated Power	1000VA (including operating area socket load 500VA)	2000VA (including operating area socket load 500VA)
Power Supply	220V±10%, 50Hz(Standard); 110±10%V, 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%	
Work Surface Height	750mm(Customized)	
Standard Accessory	LED lamp*2, UV lamp*2, Base stand, Waterproof socket*2, Temperature and humidity sensor	
Optional Accessory	Armrest*2	
Net Weight	220 kg	260 kg
Gross Weight	299 kg	355 kg
External Size(W*D*H)	1500*800*1730mm	1800*800*1930mm
Internal Size(W*D*H)	1400*500*600mm	1700*500*730mm
Package Size(W*D*H)	1760*1010*1340mm	2060*1010*1500mm
Alt Name	Laminar Flow Cabinet	

FEATURES

Temperature and, Humidity Sensor



LED Display, Digital LED Display: Airflow Level



Base Stand



Footmaster Caster, Universal Caster with, Brake and Leveling Feet



UV Lamp



Waterproof Socket



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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 front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
6. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
7. 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.
8. 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.
9. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.
10. Perfect alarm system:

- (1) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued.
 (2) Filter failure replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.

HORIZONTAL LAMINAR AIRFLOW BEM1Y1 BEM1Y2 BEM1Y3

ETL CERTIFIED HORIZONTAL LAMINAR FLOW CABINET



Stainless Steel L.V., Bar with 10 hooks
 Waterproof Socket, America Standard
 Footmaster Caster, Universal caster with brake and leveling feet
 Wind Speed Sensor, Direct measurement of wind speed
 1. ETL certification, Satisfy North American market.
 2. With memory function in case of power-failure.
 3. Audio and visual alarm (Abnormal airflow velocity).

SPECIFICATIONS

Model	BEM1Y1	BEM1Y2	BEM1Y3
Old Model	BLHZ-204	BLHZ-201	BLHZ-202
External Size(W*D*H)	800*810*(1720~1980)mm	1100*810*(1720~1980)mm	1500*810*(1720~1980)mm
Internal Size(W*D*H)	700*500*600mm	1000*500*600mm	1400*500*600mm
Work Surface Height	750~1010mm		
Max Opening	440mm		
Display	LCD Display		
Airflow Velocity	80~99fpm		
Material	Working area: 304 stainless Steel.Main Body: Cold-rolled steel with anti-bacteria powder coating.Front Window: 5 mm toughened glass, anti-UV.		
Pre-Filter	Polyester fiber		
HEPA Filter	HEPA Filter One,99.995% efficiency at 0.3 μm		
Noise	≤65dB(A)		
Illumination	≥300lx		
Waterproof Sockets	One socket (Double type), America standard, Max.Power: 500W		
Power Supply	103.5~126.5V, 60Hz, 10A		
Consumption	750W	950W	
LED Lamp	10W*1	14W*1	18W*1
Standard Accessory	Manually height adjustable base stand,LED lamp, wind speed sensor, waterproof Socket, Stainless steel I.V.Bar with 10 hooks.		
Optional Accessory	UV lamp		
Package Size (W*D*H)	940*1090*1250mm	1240*1090*1250mm	1640*1090*1250mm
Gross Weight	150kg	190kg	265kg
Alt Name	ETL Certified Horizontal Laminar Flow Cabinet		

FEATURES

Stainless Steel L.V., Bar with 10 hooks



Waterproof Socket, America Standard



Footmaster Caster, Universal caster with brake and leveling feet



Wind Speed Sensor, Direct measurement of wind speed



1. ETL certification, Satisfy North American market.
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HORIZONTAL LAMINAR AIRFLOW BEM1Z1 BEM1Z2

HORIZONTAL LAMINAR FLOW CABINET



LCD Display, Airflow velocity, UV timer, UV work time, system work time, real time
Waterproof Socket, 2 waterproof sockets are located in the side panel, for optimum convenience of using small devices inside the cabinet.

Gas Tap

UV Lamp, Emission of 253.7 nanometers for most efficient decontamination

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

SPECIFICATIONS

Model	BEM1Z1	BEM1Z2
Old Model	BLHZ-203	BLHZ-209
External Size (W*D*H)	1300*820*2040mm	1800*820*2070mm
Internal Size (W*D*H)	1200*500*570mm	1700*500*570mm
'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 coatingWork Table: 304 stainless steelSide and Front Window: 5mm toughened glass, anti-UV'	
Pre-Filter	Polyester fiber, washable	
HEPA Filter	99.995% efficiency at 0.3um	
Noise	<65dB	
Front Window	Motorized	
Max Opening	430mm	
LED Lamp	12W*1	16W*2
UV Lamp	30W*1Emission of 253.7 nanometers	
Consumption	400W	500W
'Waterproof Socket	Two, total load<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	LED lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2Water tap
Optional Accessory	Electric height adjustable base stand	
Gross Weight	254kg	328kg
Package Size(W*D*H)	1450*1060*1650mm	1950*1060*1600mm
Alt Name	Horizontal Laminar Flow Cabinet	

FEATURES

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



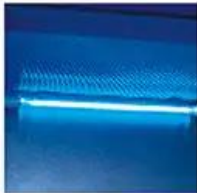
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Biolab Scientific Ltd.

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

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