

Laminar Flow Cabinets



LAMINAR FLOW CABINETS

Iris Laminar Flow Cabinet are equipped with anti-corrosive stainless steel plate and coated with ivory powder to ensure the protection of cabinet from harmful aspect of bacterial growth. Designed to maintain Class 100 Federal Standard 209E air cleanliness and HEPA filter with uniform airflow to provide protection to product. This ventilation instrument is commonly used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. Our cabinet provides aseptic condition to your working area with zero possibility of contamination.

There are two configurations are available: Horizontal and Vertical Laminar Flow Cabinets. Iris Laminar Flow Cabinet introducing new airstream flow technology to maintain cleanliness and provide protection of sample, assure hygienic and aseptic condition within the chamber. Certified with ISO 9001, CE, and SGS with its compact and mesmerizing structured design and user friendly working mode, maintain durability and stability of product.

VERTICAL LAMINAR FLOW CABINETS

Vertical Laminar Flow Cabinets newest flow technology on contract to horizontal cabinet in this air passes through the filter at constant speed traveling toward downward through the cabinet and producing sterile air to protect sample from contamination. Designed with LED digital display with curved arc designed and large open area with 3, level adjustable velocity and fitted with fans to certify low noise and low energy consumption. Used to prevent outer gas from entering inside the cabinet and avoiding peculiar smell in the operating area from damaging the human body. Adopt a fan system, light-touch type switch, and dual-speed voltage regulation device to keep wind speed in the working area in ideal state.

Vertical Laminar Flow Cabinets LVB Series provide consistency of the tests, crucial for work carried out inside the cabinet protected from microbial contamination. To create an environment that is safe and particle-free, the vertical laminar flow cabinets we produce a stream of ISO 9001 grade 100 sterile air. This air passes through a HEPA filter at a constant speed, toward downward through the cabinet in a vertical laminar flow and producing sterile air, protecting the product from microbial contamination.

Vertical Laminar Flow Cabinet LVB-1000 Series provide hygienic and disinfected conditions for the processed material, recommended for a non-hazard sample. Available in single-single, double-single, double-double, and three-single vertical operation mode used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising, and aviation work. The LVB-1000 series is a general-purpose workbench, that delivers clean airflow from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90 mm utensil) and different air velocity ranging from 0.25-0.45m/s to 0.36-0.54m/s. Features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech, and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Vertical Laminar Flow Cabinet (Double-Sided) LVB-1000D available with three configurations: single-single, double-double, and three-double-vertical cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The vertical intense clean bench is a general-purpose workbench, with clean airflow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. Features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech, and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Vertical Laminar Flow Cabinets LVC Series meet the requirement of sensitive and non-hazardous handling. We provide best vertical laminar flow cabinets ideally demand owing to its consistency and high end performance reliability. Our products are designed by a qualified team of experts, with in-depth knowledge about the new classes prevailing in the industry.

Vertical Laminar Flow Cabinets LVC-1000 Series provide a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

Vertical Laminar Flow Cabinets LVC-2000 Series is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

Vertical Laminar Flow Cabinets LVC-3000 Series is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

Vertical Laminar Flow Cabinets LVQ Series are positive pressure ISO class 5, ISO-14644-1 vertical laminar flow cabinets which represent far more cost-effective, accomplished uncontaminated, particle-free and sterile environments for materials in the laboratory.

Vertical Laminar Flow Cabinets LVQ-1000 Series provide protection of products from contamination. It is a single-single, double-single, and three-single vertical cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The Vertical Laminar Flow intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: $\leq 0.5/\text{Dish}$ (90 mm petri dish) and air velocity 0.3 to 0.6m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate. The low vibration level certifies low disturbance of high-precision assembly and working performance within the chamber.

Vertical Laminar Flow Cabinet LVB-1000 Series



Vertical Laminar Flow Cabinet LVB-1000 Series provide hygienic and disinfected conditions for the processed material, recommended for a non-hazard sample. Available in single-single, double-single, double-double, and three-single vertical operation mode used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising, and aviation work. It is a general-purpose workbench, that delivers clean airflow from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90 mm utensil) and different air velocity ranging from 0.25-0.45m/s to 0.36-0.54m/s. Features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech, and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Features

- ▶ Instrument designed with powerful, low-energy fan and filter modules deliver a back-to-front laminar flow with aids of HEPA filter air across the work surface
- ▶ Furnished with ISO-9001 and grade 100 work zone
- ▶ Suitable for important operations in the medical, biotech, pharmaceuticals, electronics and semiconductor industries
- ▶ Built-in illuminator provides diffused lighting without interfering with laminar flow with value range up to: ≥ 300 Lx
- ▶ This advanced flow cabinet operate with a LED panel
- ▶ Novel structures that maintains outstanding performance with low noise at ≤ 62 dB(A)
- ▶ Inner surfaces, including the side panels and work surface, are made of 304-stainless steel
- ▶ Come with Single-Single, Double-Single, Double-Double, and Three-Single Vertical operation mode
- ▶ Bench board are made up of stainless steel and tempered glass side-board; slim filter without division-plate
- ▶ Vertical laminar flow with open bench board
- ▶ Digital display with curved arc designed and large open area
- ▶ Accessories: HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source, castors etc.

Technical Specifications

Model	LVB-1100	LVB-1200	LVB-1300	LVB-1400	LVB-1500
Type	Single-Single-Vertical	Single-Single-Vertical	Double-Single-Vertical	Double-Double-Vertical(Medical	Three-Single-Vertical(Medical)
Cleanliness	Grade 100				
Velocity	0.25-0.45m/s			0.36-0.54m/s	0.25-0.45m/s
Material	304 Stainless steel				
No. of colony	≤0.5per utensil.hour(90mm utensil)				
Noise	≤62Db				
Illumination	≥300LX				
Light	LED				
HEPA filter No. and Size	695×460×38×1	865×555×38×1			1795×555×38 mm x1
Power Consumption	300 W	400 W	800 W	7500 W	1200 W
ertification	ISO 9001				
Working Area	700×500×520 mm	870×600×520 mm	1140×550×415 mm	1340×700×520 mm	1800×625×545 mm
Overall Dimension	850×580×1600 mm	1050×680×1600 mm	1300×550×1600 mm	1500×740×1620 mm	1920×740×1600 mm
Weight	130 kg	75 kg		150 kg	250 kg
Electrical Requirement	AC 220 V/50Hz				
Catalogue No.	380050502	380051002	380051502	380052002	380052502

Vertical Laminar Flow Cabinet (Double Sided) LVB-1000D



Vertical Laminar Flow Cabinet (Double-Sided) LVB-1000D available with three configurations: single-single, double-double, and three-double-vertical cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The vertical intense clean bench is a general-purpose workbench, with clean airflow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. Features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech, and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Features

- ▶ Instrument designed with powerful, low-energy fan and filter modules deliver a back-to-front laminar flow with aids of HEPA filter air across the work surface
- ▶ Furnished with ISO-9001 and grade 100 work zone
- ▶ Suitable for important operations in the medical, biotech, pharmaceuticals, electronics and semiconductor industries
- ▶ Built-in illuminator provides diffused lighting without interfering with laminar flow with value range up to: ≥ 300 Lx
- ▶ This advanced flow cabinet operate with a LED panel
- ▶ Novel structures that maintains outstanding performance with low noise at ≤ 62 dB(A)
- ▶ Inner surfaces, including the side panels and work surface, are made of 304-stainless steel
- ▶ Come with Single-double, Double-Double, and Three-Double-Vertical (Medical) operation mode
- ▶ Bench board are made up of stainless steel and tempered glass side-board; slim filter without division-plate
- ▶ Vertical laminar flow with open bench board
- ▶ Digital display with curved arc designed and large open area
- ▶ Accessories: HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source, castors etc.

Technical Specifications

Model	LVB-1100D	LVB-1200D	LVB-1300D
Type	Single-Double-Vertical(Medical)	Double-Double-Vertical(Medical)	Three-Double-Vertical(Medical)
Cleanliness	Grade 100		
Velocity	0.25-0.45m/s		
Material	304 Stainless steel		
No. of colony	≤0.5per utensil.hour(90mm utensil)		
Noise	≤62dB		
Illumination	≥300LX		
Light	LED		
HEPA filter No. and Size	865x555x38x1	1355x555x38x1	1795x555x38x1
Power Consumption	400 W	800 W	800 W
Certification	ISO 9001		
Working Area	870x600x520 mm	1360x600x520 mm	1800x580x515 mm
Overall Dimension	1050x680x1600 mm	1540x680x1600 mm	1960x670x1625 mm
Weight	75 kg	150 kg	250 kg
Electrical Requirement	AC 220 V/50Hz		
Catalogue No.	380100502	380101002	380101502

Vertical Laminar Flow Cabinets LVC-1000 Series



Vertical Laminar Flow Cabinets LVC-1000 Series provide a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

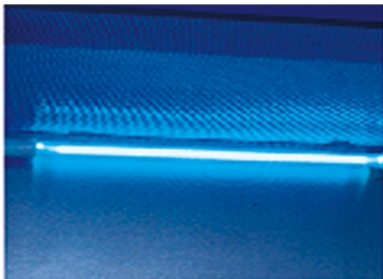
Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

LED Display
Microprocessor control system, LED display.



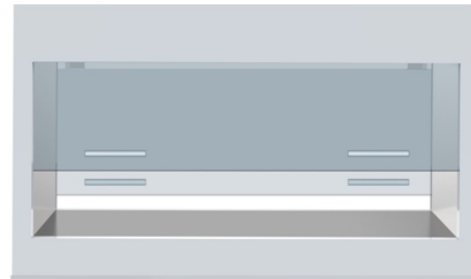
UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



Double Sides

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



Technical Specifications

Model	LVC-1100		LVC-1200	
Work Surface Height	750mm			
Display	LED Display			
Airflow Velocity (m/s)	Average of 0.3~0.5m/s			
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating			
	Work Table: 304 stainless steel			
Pre-filter	Polyester fiber, washable			
HEPA Filter	99.999% efficiency at 0.3um			
Noise	<60Db			
Front Window	Manual, 5mm toughened glass, anti-UV			
Max Opening (mm)	350mm		350mm	
UV Lamp	18W*1		30W*1	
	Emission of 253.7 nanometers			
Fluorescent Lamp	21W*1		28W*1	
Consumption (watt)	350W		600W	
Caster	Universal caster with leveling feet			
Power Supply	AC 220V±10%, 50/60 Hz; 110V±10%, 60 HZ			
Standard Accessories	Fluorescent lamp, UV lamp*2, Base stand			
Packing Dimension	1190x890x1340mm		1590x890x1340mm	
Internal Dimension	940x560x545mm		1340x560x545mm	
External Dimension	1040x660x1770mm		1440x660x1770mm	
Gross Weight	150 kg		174 kg	
Electrical Requirements	110V	220V	110V	220V
Catalogue No.	380150501	380150502	380151001	380151002

Vertical Laminar Flow Cabinets LVC-2000 Series



Vertical Laminar Flow Cabinets LVC-2000 Series is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

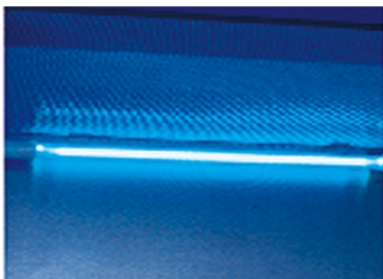
Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

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



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.



Technical Specifications

Model	LVC-2100		LVC-2200	
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	99.999% efficiency at 0.3um			
Noise	<60dB			
Front Window	Motorized			
Max Opening	430mm			
Fluorescent Lamp	28W*1		36W*1	
UV Lamp	30W*1		40W*1	
	Emission of 253.7 nanometers			
Consumption (watt)	400W		450W	
Waterproof socket	Two, total load≤500W			
Caster	Universal caster with leveling feet			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Standard Accessory	Fluorescent lamp, UV lamp*2,Base stand, Gas Tap, Waterproof socket*2			
Packing Dimension	1460x1070x1650mm		1960x970x1600mm	
Internal Dimension	1200x645x610mm		1700x645x610mm	
External Dimension	1310x750x2040mm		1800x750x2040mm	
Gross Weight	228 kg		306 kg	
Electrical Requirements	110V	220V	110V	220V
Catalogue No.	380200501	380200502	380201001	380201002

Vertical Laminar Flow Cabinets LVC-3000 Series



Vertical Laminar Flow Cabinets LVC-3000 Series is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

LVC-1000 provides sample protection only

Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

Technical Specifications

Model	LVC-3100		LVC-3200		LVC-3300		LVC-3400	
Work Surface Height	/		660mm		750mm		750mm	
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable.							
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating							
	Work Table: 304 stainless steel							
Pre-filter	Polyester fiber, washable							
HEPA Filter	99.999% efficiency at 0.3um							
Noise	<60dB							
Front Window	/				Manual,5mm toughened glass, anti-UV			
Max Opening	/		490mm		350mm		350mm	
Fluorescent Lamp	14W*1		14W*1		21W*1		28W*1	
UV Lamp	15W*1		20W*1		18W*1		30W*1	
	Emission of 253.7 nanometers							
Consumption	160W		350W		350W		600W	
Caster	/				Universal wheel with leveling feet			
Power Supply	AC 220V±10%, 50/60 Hz; 110V±10%, 60HZ							
Standard Accessory	Fluorescent lamp, UV lamp*2 (for all models), Water & gas tap (for model LVC-1100), Base stand (except model LVC-1100)							
Gross Weight	50kg		116kg		150kg		174kg	
Packing Dimension	840x560x1380 mm		960x800x1800 mm		1190x890x1340 mm		1590x890x1330 mm	
External Dimension	680x410x1160 mm		802x650x1550 mm		1040x615x1770 mm		1440x615x1770 mm	
Internal Dimension	630x375x615 mm		800x600x540 mm		940x540x545 mm		1340x540x545 mm	
Electrical Requirement	110V	220V	110V	220V	110V	220V	110V	220V
Catalogue No.	380250501	380250502	380251001	380251002	380251501	380251502	380252001	380252002

Vertical Laminar Flow Cabinets LVQ-1000 Series



Vertical Laminar Flow Cabinets LVQ-1000 Series provide protection of products from contamination. It is a single-single, double-single, and three-single vertical cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The Vertical Laminar Flow intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: $\leq 0.5/\text{Dish}$ (90 mm petri dish) and air velocity 0.3 to 0.6m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate. The low vibration level certifies low disturbance of high-precision assembly and working performance within the chamber.

Features

- ▶ Instrument designed with powerful, low-energy fan and filter modules deliver a back-to-front laminar flow with aids of HEPA filter air across the work surface
- ▶ The instrument build-in interlocking control system between UV light source and interior light
- ▶ Come with audio and visual alarm for filter failure
- ▶ Available with password protection system
- ▶ Furnished with ISO class 5, and ISO-14644-1 work zone
- ▶ Suitable for important operations in the medical, biotech, pharmaceuticals, electronics and semiconductor industries
- ▶ Built-in illuminator provides diffused lighting without interfering with laminar flow with lighting range up to: $\geq 900 \text{ Lx}$
- ▶ This advanced flow cabinet operate with a LED panel
- ▶ Novel structures that maintains outstanding performance with low noise at $\leq 62 \text{ dB(A)}$
- ▶ Inner surfaces, including the side panels and work surface, are made of 304-stainless steel
- ▶ Come with Single-Single, Double-Single, and Three-Single Vertical operation mode
- ▶ Bench board are made up of stainless steel and tempered glass side-board; slim filter without division-plate
- ▶ Vertical laminar flow with open bench board
- ▶ Digital display with curved arc designed and large open area
- ▶ Accessories: Power socket. HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and castors etc.

Technical Specifications

Model	LVQ-1100	LVQ-1200	LVQ-1300	LVQ-1400	LVQ-1500	LVQ-1600	LVQ-1700
Type	Single-Single Vertical	Single-Single Vertical	Double-Single Vertical	Single-Single Vertical	Double-Single Vertical	Double-Double Vertical	Three-Single Vertical
Cleanliness	ISO class 5, ISO-14644-1						
Velocity	0.3 to 0.6m/s	0.3 to 0.6m/s	0.3 to 0.6m/s	≥0.3m/s	≥0.3m/s	0.3 m/s	0.3 to 0.6m/s
No. of colony	≤0.5/Dishxh (90 mm petri dish)						
Noise	≤62Db						
Illumination	≥900Lx	≥900Lx	≥900Lx	≥400Lx	≥400Lx	≥400Lx	≥900Lx
HEPA filter	Yes						
Power	700VA	1000VA	1000VA	250VA	500VA	500VA	1300VA
Certification	ISO and CE						
Internal Dimension	1040×720×1950 mm	1340×720×1950 mm	1640×720×1950 mm	1010×730×1600 mm	1500×730×1600 mm	1500×733×1600 mm	1940×720×1950 mm
External Dimension	920×650×645 mm	1220×650×645 mm	1520×650×645 mm	870×690×520 mm	1360×690×520 mm	1360×690×520 mm	1820×650×645 mm
Electrical Requirement	AC220V/50Hz						
Catalogue No.	380300502	380301002	380301502	380302002	380302502	380303002	380303502

HORIZONTAL LAMINAR FLOW CABINETS

Horizontal Laminar Flow Cabinets Horizontal Laminar Flow Cabinet advanced and novel flow technology in which air passes through filter at constant speed travelling toward outside the cabinet. Designed with LED digital display with curved arc designed and large open area with 3, 5 level adjustable velocity and fitted with fans to certify low noise and low energy consumption. Provide different blending value, high quality construction, along with low operating noise levels, and a wide product ranges to suit customer requirements. Provide spring up and down movable door in the front and back of work bench, flexible and convenient to locate, air insulation design to avoid cross pollution within and outside the chamber.

Horizontal Laminar Flow Cabinets LHB Series are used in all those conditions in which it is essential to protect the product from dangerous effects arising from the contaminants during handling.

Horizontal Laminar Flow Cabinet LHB-1000 Series available with two configurations: Single-Single and Double Horizontal cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The horizontal intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination

Horizontal Laminar Flow Cabinet LHB-2000 Series available with two configurations: single and double-single-horizontal cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The horizontal intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source.

Horizontal Laminar Flow Cabinets LHC Series have been specially designed to provide germ-free, sterilize air conditions to the work area with lighting from a LED light included the internal brightness helps the operator. Horizontal Laminar Flow Cabinets LHC-1000 Series is a work bench, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments. LED Display: Microprocessor control system, LED display, Waterproof socket: 2 waterproof sockets are located in the side 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.

Horizontal Laminar Flow Cabinets LHC-2000 Series offers particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. LED Display: Microprocessor control system, LED display, Waterproof socket: 2 waterproof sockets are located in the side panel, for optimum convenience of using small devices inside the cabinet, UV lamp: Emission of 253.7 nanometers for most efficient decontamination, Gas Tap: Side glass window: The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

Horizontal Laminar Flow Cabinets LHQ Series are used in all those conditions in which it is essential to protect the product from dangerous effects arising from the contaminants during handling.

Horizontal Laminar Flow Cabinet LHQ-1000 Series is suitable for 2 peoples with a single working side and available in a horizontal cabinet. Used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff drinks, and cosmetic, stock rising, and aviation work. The horizontal Laminar Flow intense clean bench is a general-purpose workbench, with clean airflow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 /Dishxh (90 mm petri dish) and air velocity 0.3 to 0.6m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate. The low vibration level certifies low disturbance of high-precision assembly and working performance within the chamber. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech, and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Horizontal Laminar Flow Cabinet LHB-1000 Series



Horizontal Laminar Flow Cabinet LHB-1000 Series available with two configurations: Single-Single and Double Horizontal cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The horizontal intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Features

- ▶ Instrument designed with powerful, low-energy fan and filter modules deliver a back-to-front laminar flow with aids of HEPA filter air across the work surface
- ▶ Furnished with ISO-9001 and grade 100 work zone
- ▶ Suitable for important operations in the medical, biotech, pharmaceuticals, electronics and semiconductor industries
- ▶ Built-in illuminator provides diffused lighting without interfering with laminar flow with value range up to: ≥ 300 Lx
- ▶ This advanced flow cabinet operate with a LED panel
- ▶ Novel structures that maintains outstanding performance with low noise at ≤ 62 dB(A)
- ▶ Inner surfaces, including the side panels and work surface, are made of 304-stainless steel
- ▶ Come with Single-Single and Double Horizontal operation mode
- ▶ Bench board are made up of stainless steel and tempered glass side-board; slim filter without division-plate
- ▶ Horizontal laminar flow with open bench board
- ▶ Digital display with curved arc designed and large open area
- ▶ Accessories: HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source, castors etc.

Technical Specifications

Model	LHB-1010	LHB-1020	LHB-1030	LHB-1040
Type	Single-Single-Horizontal	Single-Single-Horizontal	Single-Single-Horizontal	Double Horizontal
Cleanliness	Grade 100			
Velocity	0.25-0.45m/s			
Material	304 Stainless steel			
No. of colony	≤0.5per utensil.hour(90mm utensil)	≤0.5per utensil.hour(90mm utensil)	≤0.5per utensil.hour(90mm utensil)	≤0.5per utensil.hour(90mm utensil)
Noise	≤62dB			
Illumination	≥300LX			
Light	LED			
HEPA filter No. and Size	695x600x38 mm x1	20W*1/20W*1	20W*1/20W*1	1135x600x38 mm x1
Power Consumption	300 W	320 W	320 W	800 W
Certification	ISO 9001	ISO 9001	ISO 9001	ISO 9001
Working Area	700x400x600 mm	850x580x1600 mm	870x550x620 mm	1030X650X620 mm
Overall Dimension	850x580x1600 mm	850x580x1600 mm	1050x730x1600 mm	1300X770X1800 mm
Weight	160 kg			250 kg
Electrical Requirement	AC 220 V/50Hz			
Catalogue No.	380350502	380351002	380351502	380352002

Horizontal Laminar Flow Cabinet LHB-2000 Series



Horizontal Laminar Flow Cabinet LHB-2000 Series available with two configurations: single and double-single-horizontal cabinet used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff, drinks, and cosmetic, stock rising and aviation works. The horizontal intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source.

Features

- ▶ Instrument designed with powerful, low-energy fan and filter modules deliver a back-to-front laminar flow with aids of HEPA filter air across the work surface
- ▶ Furnished with ISO-9001 and grade 100 work zone
- ▶ Suitable for important operations in the medical, biotech, pharmaceuticals, electronics and semiconductor industries
- ▶ Built-in illuminator provides diffused lighting without interfering with laminar flow with value range up to: ≥ 300 Lx
- ▶ This advanced flow cabinet operate with a LED panel
- ▶ Novel structures that maintains outstanding performance with low noise at ≤ 62 dB(A)
- ▶ Inner surfaces, including the side panels and work surface, are made of 304-stainless steel
- ▶ Come with Single, and double single-horizontal operation mode
- ▶ Bench board are made up of stainless steel and tempered glass side-board; slim filter without division-plate
- ▶ Horizontal laminar flow with open bench board
- ▶ Digital display with curved arc designed and large open area
- ▶ Accessories: HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source, castors etc.

Technical Specifications

Model	LHB-2100	LHB-2200	LHB-2300	LHB-2400
Type	Double-Single-Horizontal	Double-Single-Horizontal	Double-Single-Horizontal	Single-Horizontal
Cleanliness	Grade 100			
Velocity	0.25-0.45m/s			
Material	304 Stainless steel			
No. of colony	≤0.5per utensil.hour(90mm utensil)			
Noise	≤62dB			
Illumination	≥300LX			
Light	LED			
HEPA filter No. and Size	1135x600x38 mmx1	695X500X38X 1	30W*1/30W*1	695x600x38 mm x1
Power Consumption	300 W	800 W	800 W	400 W
Certification	ISO 9001			
Working Area	1150x400x600 mm	1140x550x415 mm	1360x550x620 mm	700x650x620mm
Overall Dimension	1300x580x1600 mm	1300X550X1600 mm	1540x730x1600 mm	880x770x1800 mm
Weight	150 kg	320 kg	320 kg	150 kg
Electrical Requirement	AC 220 V/50Hz			
Catalogue No.	380400502	380401002	380401502	380402002

Horizontal Laminar Flow Cabinets LHC-1000 Series



Horizontal Laminar Flow Cabinet LHC-1000 Series is a work bench, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

- ▶ Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.
- ▶ LED Display: Microprocessor control system, LED display Waterproof socket: 2 waterproof sockets are located in the side 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.

Technical Specifications

Model	LHC-1000		LHC-1400	
Work Surface Height	750mm			
Display	LED Display			
Airflow Velocity (m/s)	Average of 0.3~0.5m/s			
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating			
	Work Table:304 stainless steel			
	Side Windows:5mm toughened glass, anti-UV			
Pre-filter	Polyester fiber, washable			
HEPA Filter	99.999% efficiency at 0.3um			
Noise	<60Db			
Fluorescent Lamp	21W*1		28W*1	
UV Lamp	20W*1		30W*1	
	Emission of 253.7 nanometers			
Consumption	320W		620W	
Waterproof socket	Two, total load≤500W			
Caster	Universal caster with levelling feet			
Power Supply	AC220V±10%; 50/60Hz; 110V±10%, 60Hz			
Standard Accessories	Fluorescent lamp, UV lamp*2,Base stand, Waterproof socket*2			
Packing Dimension	1230x1000x1820mm		1630x1000x1820mm	
Internal Dimension	1040x500x650mm		1440x500x650mm	
External Dimension	1060x800x1690mm		1460x800x1690mm	
Gross Weight	150kg		179kg	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	380450501	380450502	380451001	380451002

Horizontal Laminar Flow Cabinets LHC-2000 Series



Horizontal Laminar Flow Cabinets LHC-2000 Series offers particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

- ▶ LED Display: Microprocessor control system, LED display
- ▶ Waterproof socket: 2 waterproof sockets are located in the side panel, for optimum convenience of using small devices inside the cabinet
- ▶ UV lamp: Emission of 253.7 nanometers for most efficient decontamination
- ▶ Gas Tap: Side glass window: The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

Technical Specifications

Model	LHC-2200		LHC-2400	
Work Surface Height (mm)	750mm			
Display	LCD Display			
Airflow Velocity (m/s)	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 Window: 5mm toughened glass, anti-UV			
Pre-filter	Polyester fiber, washable			
HEPA Filter	99.999% efficiency at 0.3um			
Noise	<60dB			
Front Window	Motorized			
Max Opening (mm)	430mm			
Fluorescent Lamp	28W*1		28W*1	
UV Lamp	30W*1		30W*1	
	Emission of 253.7 nanometers			
Consumption	400W		700W	
Caster	Universal caster with leveling feet			
Waterproof socket	Two, total load≤500W			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Standard Accessories	Fluorescent lamp, UV lamp*2, Base stand, Gas Tap, Waterproof socket*2,			
	Water Tap (only for BBS-H1800)			
Packing Dimension	1450x060x1650mm		1950x1060x1600mm	
Internal Dimension	1200x500x570 mm		1700x500x570mm	
External Dimension	1300x825x2040 mm		1800x825x2040mm	
Gross Weight	254kg		328kg	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	380500501	380500502	380501001	380501002

Horizontal Laminar Flow Cabinet LHQ-1000 Series



Horizontal Laminar Flow Cabinet LHQ-1000 Series is suitable for 2 people with a single working side and available in a horizontal cabinet. Used in medicine, pharmacy, and biological, chemical experiment, operating room, foodstuff drinks, and cosmetic, stock rising, and aviation work. The horizontal Laminar Flow intense clean bench is a general-purpose workbench, with clean airflow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: $\leq 0.5/\text{Dish} \times \text{h}$ (90 mm petri dish) and air velocity 0.3 to 0.6m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate. The low vibration level certifies low disturbance of high-precision assembly and working performance within the chamber. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech, and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Features

- ▶ Instrument designed with powerful, low-energy fan and filter modules deliver a back-to-front laminar flow with aids of HEPA filter air across the work surface
- ▶ The instrument build-in interlocking control system between UV light source and interior light
- ▶ Come with audio and visual alarm for filter failure
- ▶ Available with password protection system
- ▶ Furnished with ISO class 5, and ISO-14644-1 work zone
- ▶ Suitable for important operations in the medical, biotech, pharmaceuticals, electronics and semiconductor industries
- ▶ Built-in illuminator provides diffused lighting without interfering with laminar flow with lighting range up to: $\geq 900 \text{ Lx}$
- ▶ This advanced flow cabinet operate with a LED panel
- ▶ Novel structures that maintains outstanding performance with low noise at $\leq 62 \text{ dB(A)}$
- ▶ Inner surfaces, including the side panels and work surface, are made of 304-stainless steel
- ▶ Come with Single-Single, and Double-Single Horizontal operation mode
- ▶ Bench board are made up of stainless steel and tempered glass side-board; slim filter without division-plate
- ▶ Horizontal laminar flow with open bench board
- ▶ Digital display with curved arc designed and large open area
- ▶ Accessories: Power socket. HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and castors etc.

Technical Specifications

Model	LHQ-1010	LHQ-1020
Type	Single-Single Horizontal	Double-Single Horizontal
Cleanliness	ISO class 5, ISO-14644-1	
Velocity	$\geq 0.3\text{m/s}$	
No. of colony	$\leq 0.5/\text{Dishxh}$ (90 mm petri dish)	
Noise	$\leq 62\text{dB}$	
Illumination	$\geq 400\text{Lx}$	
HEPA filter	Yes	
Power	250VA	500VA
Certification	ISO and CE	
Internal Dimension	900×700×1450 mm	1760×700×1450 mm
External Dimension	825×480×600 mm	1680×480×600 mm
Electrical Requirement	AC220V/50Hz	
Catalogue No.	380550502	380551002

VERTICAL & HORIZONTAL LAMINAR FLOW CABINETS

Vertical & Horizontal Laminar Flow Cabinets are available in both horizontal and vertical configurations, with a variety of airflow patterns and acceptable uses.

Vertical & Horizontal Laminar Flow Cabinets LDC-1000 Series is a Vertical and horizontal air laminar flow cabinet. Easily chosen by a simple mechanical operation and available with two configurations: single-single, double-single vertical and horizontal cabinet configuration for the application mainly in medical treatment, chemical experiment, electron, precise machinery, instrument, apparatus, medical preparation, operating room, foodstuff, drinks, daily-use cosmetic, stock raising and aviation.

The vertical-horizontal Laminar intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination

Vertical & Horizontal Laminar Flow Cabinets LDC-1000 Series



Vertical & Horizontal Laminar Flow Cabinets LDC-1000 Series is a Vertical and horizontal air laminar flow cabinet. Easily chosen by a simple mechanical operation and available with two configurations: single-single, double-single vertical and horizontal cabinet configuration for the application mainly in medical treatment, chemical experiment, electron, precise machinery, instrument, apparatus, medical preparation, operating room, foodstuff, drinks, daily-use cosmetic, stock raising and aviation. The vertical-horizontal Laminar intense clean bench is a general-purpose workbench, with clean air flow flows from the top to the bottom in the vertical direction. Accommodates maximum no. of colony rate: ≤ 0.5 per utensil hour (90mm utensil) and air velocity 0.25-0.45m/s. features with HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source. Deliver best and economic free environment for inflexible contamination requirements on pharmaceutical, food industries, biotech and much more Industries. Our flow cabinet enclosed on the sides and kept under constant pressure to prevent contamination.

Features

- ▶ Vertical and horizontal air laminar flow cabinet
- ▶ Instrument designed with powerful, low-energy fan and filter modules deliver a back-to-front laminar flow with aids of HEPA filter air across the work surface
- ▶ Furnished with ISO-9001 and grade 100 work zone
- ▶ Suitable for important operations in the medical, biotech, pharmaceuticals, electronics and semiconductor industries
- ▶ Built-in illuminator provides diffused lighting without interfering with laminar flow with value range up to: ≥ 300 Lx
- ▶ This advanced flow cabinet operate with a LED panel
- ▶ Novel structures that maintains outstanding performance with low noise at ≤ 62 dB(A)
- ▶ Inner surfaces, including the side panels and work surface, are made of 304-stainless steel
- ▶ Come with single-single, double-single vertical and horizontal operation mode
- ▶ Bench board are made up of stainless steel and tempered glass side-board; slim filter without division-plate
- ▶ Horizontal laminar flow with open bench board
- ▶ Digital display with curved arc designed and large open area
- ▶ Accessories: HEPA Filter, UV lamp, sliding glass door, ventilating slot, color plate, and LED source, castors, wind volume adjustable fan system etc.

Technical Specifications

Model	LDC-1400	LDC-1600
Type	Single-Single Vertical and Horizontal	Double-Single Vertical and Horizontal
Air Supply	Vertical and Horizontal Air	
Cleanliness	Class 100	
Velocity	0.25 to 0.45m/s	
No. of colony	≤0.5per utensil.hour(90mm utensil)	
Noise	≤62Db	
Illumination	≥300LX	
Light	LED	
HEPA filter No. and Size	865x600x38x1/865x484x38x1	1320x600x38/1320x484x38
Power Consumption	300 W	800 W
Certification	ISO-9001	
Working Area	870x500x620 mm	1360x500x620 mm
Overall Dimension	1050x760x1800 mm	1600x760x1800 mm
Weight	150 kg	300 kg
Electrical Requirement	AC 220 V/50Hz	
Catalogue No.	380600502	380601002