

LAMINAR FLOW CABINETS



cs@irisanalytical.com



+1 706 760 4500



www.irisanalytical.com



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

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 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 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.

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	70.5per utensil.hour(90mm utensil)	
Noise	762Db	
Illumination	7300LX	
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

