

Laminar Flow Cabinet, Mini Model



Description

Vertical Laminar Flow Cabinet provides sample protection as purified air travels across the working zone of the cabinet in a vertical, unidirectional stream and leaves the main work chamber across the entire open front of the cabinet.

Advantage

- HEPA filter with efficiency: 99.995% at 0.3um.
- Microprocessor control system, LED Display.
- Manual front window is 5mm toughened glass, anti-oxidation.
- Air speed adjustable.
- Desktop type, with a handle, saving space and easy to move.

- Pre-filter is polyester fiber, washable and anti-ultraviolet radiation.
- Automatic cutting off UV lamp function by opening glass.
- LCB-V500II 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)

Specifications

Model	LCB-V500	LCB-V500II
Applicable Scope	Protect experiment samples	
Airflow Direction	Vertical	
Cleanliness	Class 100	
High Efficiency Filter	0.3um particles 99.999%	
Colony count	≤0.5pcs/vessel (petri dish is φ 90mm)	
Wind Speed	Initial: 0.6final0.2 (m/s)	
Wind Speed Range	0.2-0.6 (m/s)	
Noise Level	≤62db	
Vibration Semi-peak Value	≤3um	
Work Surface Bearing	10kg	
Inner Chamber	SUS304 Stainless steel plate	
Outer Shell	Cold rolling steel electrostatic spraying exterior	
Operation Door	Tempered Glass	
Max Door Opening	310mm	
Pre-Filter	Polyurethane	
LED Lamp	8Wx1	
UV Lamp	8Wx1	
Top Fan	90W one piece	
Display	LED (Model II: LCD color screen)	
Wind Speed Control	Intelligent multi-level adjustable	
Additional Function	One key to open and close lighting sterilization	
Internal Size (WxDxH) (mm)	480x340x370	
External Size (WxDxH) (mm)	550x460x700	
Shipping Size (WxDxH) (mm)	680x590x850	
Max Power	110W	
Current Rating (50/60Hz)	AC220V/0.5A	
NW/GW kg	36/41	
Optional Accessories	LCB-V500II: wind speed sensor	