

## CLASS II BIOLOGICAL SAFETY CABINET



CLASS 100  
PROTECTION



SILENT  
OPERATION



ENERGY  
EFFICIENT



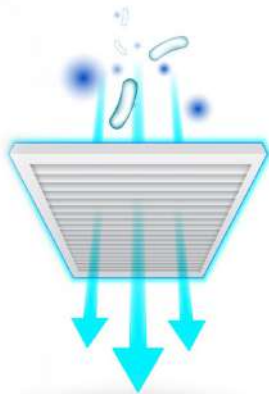
DIGITAL  
CONTROLLER

# BIOLOGICAL SAFETY CABINET



Mehrotra Biotech make Class II Type A2 Biological Safety Cabinet is engineered specifically for laboratory operations that requires protection to product, personnel and environment. It provides user with a more comfortable and safer working condition.

It is widely used in microbiological work, research purposes in the field of genetics, cell biology, molecular biology, plant and animal cell culturing



1

Personnel protection from harmful agents inside the cabinets.

2

Product protection to avoid contamination or cross contamination during the experiment.

3

Environment protection from the contaminants

## FEATURES

- 7 degree sloped front for comfortable user sitting with easy slide sash opening.
- Easy access Digital Display Microcontroller to control Fan, UV light and LED illumination
- Removable, one piece stainless steel work surface.
- Equipped with advance H14 HEPA filter
- Energy efficient powerful blower motor
- Programmable UV timer along with total UV time log.
- Easy access gas valve and power port.
- Ergonomic design stainless steel armrest.



Differential Pressure Gauge

High Performance Blower Motor

Low Noise and Vibration free motor improves concentration

Superior Quality HEPA Filter

Superior quality H14 HEPA filter with  $\eta 99.999\%$  @ $0.3\mu\text{m}$  protects the personnel, product and environment from harmful contaminants.

User Friendly Microcontroller

16x4 LCD Display with easy access control Buttons for blower, LED light and UV.

Ergonomic design Stainless Steel Interior with Curved Corners

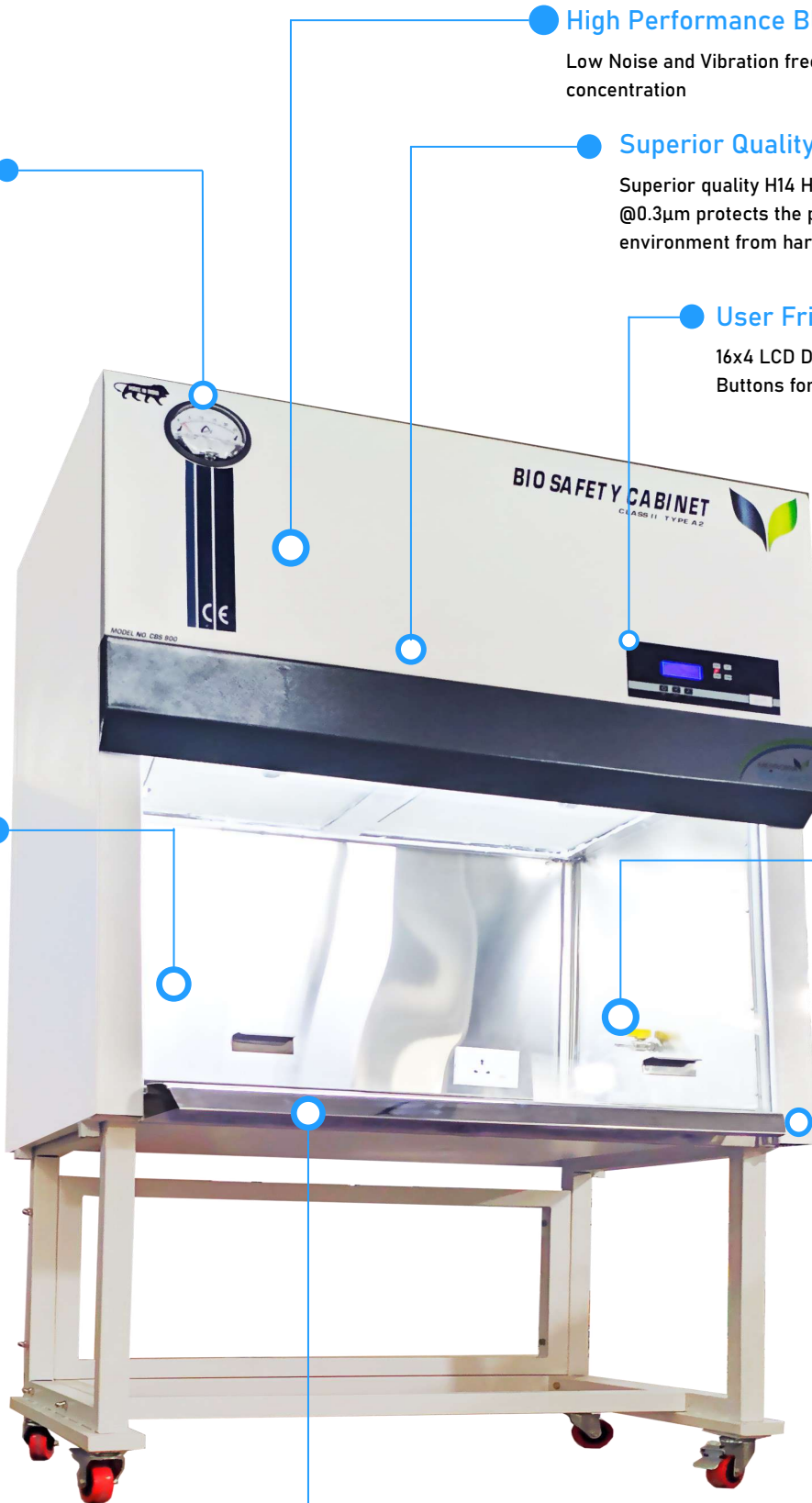
Easy access external service ports

User Friendly Intake Grill with stylish armrest

Wide channelled intake grill perfectly prevents the contamination of outside and inside of the worktable and wide armrest reduces the degree of fatigue of the user.

UV Cut-off & Sash Open Alarm

Safety alarm for user when sash is opened & auto UV cut-off.



# TECHNICAL SPECIFICATIONS

Model	CBS900	CBS1200	CBS1800
External Dimension(LxWxH)	1067x746x1330 mm	1359x746x1330 mm	1980X746X1330 mm
Internal Dimension(LxWxH)	930x580x660 mm	1240x580x660 mm	1860X580X660 mm
Display	16x4 LCD Mono color		
Cleanliness Level	Class 100( Class II Type A2)		
Filter	Downflow :900x500x69mm H14 Hepa Filter $\eta$ 99.999% @0.3 $\mu$ m Pre-filter: 300x300x69mm Hepa Filter		
Noise	65dB $\pm$ 5%		
Pressure Gauge	Analog Differential Pressure Gauge with accuracy $\pm$ 4%,15 PSI(1.03bar)		
Sensor	Analog Input		
Sterilization	15W 254nm UV Tube	30W 254nm UV Tube	30W 254nm UV Tube
Blower	Heavy duty high efficiency centrifugal blower		Dual Centrifugal Blowers
InFlow Velocity	0.51 m/s		
Illumination	2 Nos. 18W LED Batten		2 Nos. 40W LED Batten
Front Sash	Double layered laminated glass for UV protection		
Workspace	AISI 304 Stainless steel with removable worktop.		
Standard Service Port	1 Nos 15 Amp Socket with switch 1 Nos Gas nozzle with shutoff valve.		
Sash Opening	8in (203.2mm)		
Rated Voltage	220V -240V /50hz		
Rated Power	500W	600W	1150W
Standard Accessory	Powder Coated MS Base Stand with Castors.		
Optional Accessory	Additional Power Sockets, Air Flow Monitoring		



MEHROTRA BIOTECH PVT. LTD.  
M&M TOWER B-22 23, VIBHUTI  
KHAND, GOMTI NAGAR,  
LUCKNOW, 226010



+91 522-2720663  
+91-9838203520



sales@mehrotrabiotech.com,  
service@mehrotrabiotech.com

