

LAMINAR AIR FLOW BENCH (WOODEN) HORIZONTAL / VERTICAL CABINET



MODEL : MLA - 100

TECHNICAL SPECIFICATIONS

The bench is made of thick ply board, and reinforced with teak wood where ever necessary. All visible surface are laminated with white Decolam Lamination. The filter seat has rubber padding for a perfect rubber to rubber sealing. The panels are made of Perspex sheet duly framed in Anodized Aluminium frame with transparent door. **The work table is also covered with satin finish stainless steel 304.** At the suction end the unit is provided with washable pre-filters. The pre filters have an efficiency of 90% down to 10 micron particle size. At the Delivery end, the unit is provided with Super air H.E.P.A. Filters, comprising of non woven microfibre glass pleated media. The pleats are separated by corrugated aluminium foil separators. Initial pressure drop is less then 25mm W.G. at rated flow D.O.P. efficiency is better then 99.97% down to 0.3 microns particle size. The H.E.P.A. filters are protected by a plastic grill. The Blower assembly consists of a ¼ H.P. Electric Motor of "American Universal" or equivalent make, and balanced blowers. The unit is illuminated by **Flourescent tube light & U.V. germicidal light (for Sterilization).** Fitted with **static pressure manometor (acrylic body) and cock for gas.** Designed to provide a work area conforming to class 100 of revised US Federal standards 209-E.



MODEL : MLA-100 (H)

LAMINAR AIR FLOW BENCH (STAINLESS STEEL 304) HORIZONTAL / VERTICAL CABINET

MODEL : MLA - 100S

TECHNICAL SPECIFICATIONS

Same as above - but complete body made of Stainless Steel 304 sheet and reinforced with Stainless Steel Pipe.

WORK SPACE L X W X H ft.	HEPA FILTER	FTL	UV LIGHT
3'6" x 3'6" x 3'6"	3'6" x 17"	2'1" x 31" X	2'1" x 26" X
4'6" x 3'6" x 3'6"	4'6" x 17"	3'1" x 31" X	2'1" x 26" X
5'6" x 3'6" x 3'6"	5'6" x 17"	3'1" x 31" X	2'1" x 41" X
7'6" x 3'6" x 3'6"	4'6" x 17" #.13'op/	3'1" x 51" X	2'1" x 41" X



MODEL : MLA-100S (H)

BIO SAFETY CABINET (STAINLESS STEEL 304)

MODEL : MBC - 100S

TECHNICAL SPECIFICATIONS

The bench is made of Stainless steel sheet 304 grade with transparent front door. **The work table is also covered with stain finish Perforated Stainless Steel 304 Sheet.** At the Delivered end, the unit is provided with Super air H.E.P.A. Filters D.O.P. efficiency is better then 99.97% down to 0.3 microns particle size. The H.E.P.A. filters are protected by a grill. The Blower assembly consists of a ¼ H.P. Electric Motor and balanced blowers. The entire Blower assembly is mounted on a frame thereby ensuring that no noise or vibrations are generated. In the Biosafety cabinet 70% of the filtered air is recirculated and 30% is exhausted through a VIRUS BURNOUT UNIT comprising of HEPA Filter, heater & UV tube thus destroying all the harmful micro organisms before entering the atmosphere (Type A2). Fitted with **MICROPROCESSOR LCD CONTROLLER**, heaving automatic sterilization by UV Light with timer when the door is closed. FL Light & blower are switched on when bench is ready to use. User Friendly alphanumeric commands. Filter use & change time alarm. Fitted with static pressure manometor (acrylic body) and cock for gas, with 10ft. exhaust ducting

WORK SPACE L X W X H ft.	HEPA FILTER	FTL	UV LIGHT
3'6" x 3'6" x 3'6"	3'6" x 17"	2'1" x 31" X	2'1" x 26" X
4'6" x 3'6" x 3'6"	4'6" x 17"	3'1" x 31" X	2'1" x 26" X
5'6" x 3'6" x 3'6"	5'6" x 17"	3'1" x 31" X	2'1" x 41" X
7'6" x 3'6" x 3'6"	4'6" x 17" #.13'op/	3'1" x 51" X	2'1" x 41" X

OPTIONAL :

1. Digital air velocity meter (0-200fpm).
2. Digital differential pressure gauge.



MODEL : MBC-100S