



MEHROTRA
Biotech

ADVANCE TECHNOLOGIES EFFECTIVE SOLUTION



WHAT WE DO?

Mehrotra Biotech Pvt Ltd has been established with an aim to contribute to the enhancement of medical-hospital, pharmaceutical, biotechnological, and general laboratory services through the provision of high-quality innovative solutions, ensuring an improved quality of life and well-being for society at large.

Our primary objective is to deliver customized solutions that precisely align with the unique requirements of our customers. To achieve this, our dedicated functions including engineering, R&D, manufacturing, and customer service are focused on each technology within Mehrotra Biotech's area of expertise:

- We offer solutions and equipment for clean air technology, encompassing both horizontal and vertical laminar flow cabinets, biological safety cabinets, and laminar flow systems.
- Our portfolio includes solutions and equipment for advanced sterilization utilizing Autoclaves, Ovens, and incubators.
- We specialize in solutions and equipment employing biological containment technology, such as containment isolators and sterile isolators.
- Additionally, we provide solutions and equipment utilizing freeze drying and vacuum drying technology, ranging from laboratory freeze dryers to GMP freeze dryers.

By offering these comprehensive solutions, we aim to continually improve and advance the various sectors we serve, ensuring the highest standards of quality, safety, and efficiency in medical and laboratory practices.

“Our aim is to provide tailor-made solutions in strict accordance to the needs of customers.”



OUR MISSION

Our mission is to empower individuals and communities through innovative solutions and exceptional service. We are committed to providing high-quality products and services that address the needs of our customers and contribute to advancements in scientific and medical research. Guided by our core values of integrity, collaboration, and social responsibility, we strive to make a positive impact on society, while prioritizing environmental sustainability and community healthcare. Through our dedication to excellence and the expertise of our team, we aim to be a trusted partner in shaping a healthier and more prosperous future for all.

OUR VISION

Our vision is to be a leading innovator and catalyst for positive change, creating solutions that transform lives and shape a better future. With a commitment to excellence, creativity, and social impact, we strive to revolutionize Biomedical research & Pharmaceutical industry through cut-edge design, forward-thinking strategies, and meaningful collaborations.

HORIZONTAL LAMINAR AIR FLOW



A Horizontal laminar air flow cabinet or tissue culture hood is a carefully enclosed bench designed to prevent contamination of semiconductor wafers, biological samples, or any particle sensitive materials. Air is drawn through a HEPA filter and blown in a very smooth, laminar

flow towards the user. Due to the direction of air flow, the sample is protected from the user but the user is not protected from the sample



TECHNICAL SPECIFICATIONS

Model No	HLF900	HLF 1200
Working area (Feet)	3x2x2	4x2x2
Direction of flow	Horizontal	
Velocity	100 FPM +/- 20%	
Noise level	<65 db A +/- 5%	
Material of construction	Outer material: MS Powder coated, Inner material made up of Stainless steel	
Working table	Made of perforated stainless AISI 304 grade.	
Front door	Protected acrylic door front window with dual hinged opening	
HEPA filter / Inflow and exhaust	H-14 filter present; Particle retention: 0.3 micron; grade with efficiency of 99.999% as per EN 1822 standards; Pressure drop: 23mm WG. Pre-Filter: G3 Washable Prefilter with upto 10 microns particle retention	
Blower assembly	Single phase, 2600 RPM Motor, directly coupled with a pair of aluminum centrifugal impeller.	
UV Management	Programmable UV Decontamination	
Control	Micro-processor controlled or Manual Operating	
Ultra violet lamp	3 feet, 30 watt (If Required)	
Illumination	LED 24W Internal Lighting	
Standard accessories	Base stand, Magnehelic differential pressure gauge, additional power points and wire chord.	
Power supply	220V, single phase, 50Hz.	
Sash Options	Acrylic Folding Glass or Vertical Roll Up	
Side Walls	8mm thick Glass	



Mehrotra Biotech Pvt. Ltd.

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