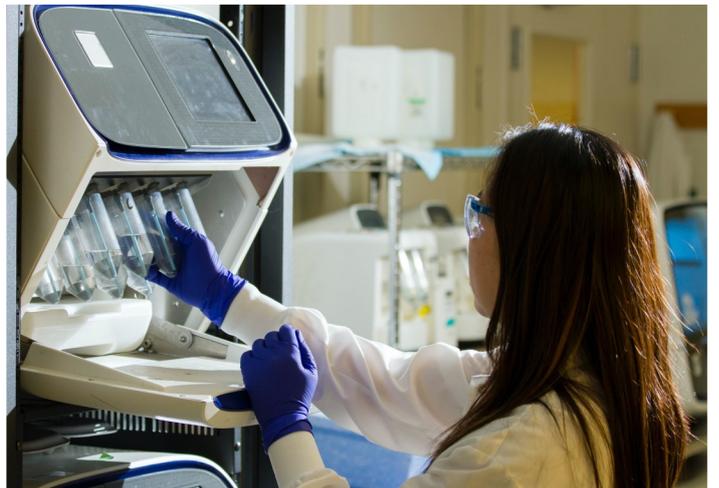




MEHROTRA
Biotech

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.

HOT AIR OVEN



MBPL make MO series direct heating Hot Air Oven are designed to generate heat inside the chamber at temperature from **ambient+5°C to 250°C**. We make hot air ovens in various temperature ranges, material of construction and chamber dimensions. Maximum operating temperature range of these ovens are 150°C, 200°C and 250°C which is controlled through microprocessor based **PID temperature controller with 5" Touchscreen User Interface**. It displays both set value (SV) and process value (PV) along with Data Logging & Printer Support.

TECHNICAL SPECIFICATIONS

FEATURES	MO120	MO150	MO200	MO300
MOC (external)	MS POWDER COATED			
MOC (internal)	SS AISI 304			
Sensitivity	+/- 1 degree celsius			
Temp Range	Ambient +5°C to 250°C			
Net Capacity	120L	150L	216L	295L
Int Dim (WxDxH)	450x450x600	500x500x600	600x600x600	650X650X700
Ext Dim (WxDxH)	525x525x750	800x750x675	750X750X900	800X750X800
Shelves	2	3	4	4
Shelves Material	Perforated Stainless Steel adjustable shelves			
Controller	PID Microcontroller with digital display			
Printing Facility	Can be provided on request			
Heater	Constant heating Coil Heater on all three sides			
Power consump-	2KW	3.5KW	4KW	6KW
Power supply	220V	220V	220V	220V
Optional Features				
Controller	HMI Controller with Touchscreen Display with data logging facility			
Audio Visual Alarm	Over Temperature Protection & Sensor Failure Alarm			
Heating System	Fan Forced Heating with Tubular Air Heater			



Mehrotra Biotech Pvt. Ltd.

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