



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.

## BOD INCUBATOR



BOD incubator engineered by Mehrotra Biotech is designed to efficiently maintain desired temperatures varying from +5°C to +50°C. It is suitable for applications in Pharmaceutical, Agricultural and biomedical research including but not limited to micro organism cell culture, serum studies, immunological activities, livestock research etc.

Easy to clean stainless steel interior design and forced air circulation system ensures temperature uniformity inside the chamber.

**The Equipment is available as a tailor made solution to cater to the various specific needs of our clients.**

## SALIENT FEATURES

- Digital Temp Controller with PID Heating with Large LED Display with indicators for Mains, heating & incoming voltage. Also available with Microprocessor Touch Screen Controller with 5" Large color display having inbuilt data logger with printer, USB & LAN Support.
- Double walled body structure with 75mm glass wool insulation between the gap.
- Easy to clean Stainless Steel SS304 Interior chamber
- Triple walled back with 2 air circulation fans for maintaining temp uniformity
- Adjustable Stainless Steel Shelves
- Efficient ISI marked compressor with highest accuracy of cooling control.
- Door Operated Illumination lamp inside the chamber.
- Full view inner glass door permits inspection of specimens, without disturbing the same
- Floor Standing Model with lockable Castors on Front
- Available with or without Circular Chart Recorder
- Floor Standing model with lockable castors.
- Certified with CE, ISO 9000 & ISO 13485

## TECHNICAL SPECIFICATIONS

Model No	MBI200	MBI400
Storage Capacity ( Ltr)	198	380
Product Dimensions (WxDxH)	660mmx 850mmx 1350mm	900x800x1820mm
Chamber Dimensions	450mmx650mmx680mm	680x900x800mm
Inner Door Material	Clear Transparent Acrylic	
Temperature Range	+5°C to 60°C	
Temperature Accuracy	±1°C	
Temperature Stability	±1°C	
No of Shelves	4	
Illumination	15W LED illumination	
Material Of Construction	Powder Coated Mild Steel outer/ Stainless Steel SS304 Stainless Steel AISI 304 Inner @ 1.1mm	
Power Rating	550W	800W
Power Supply	220V, 50/60Hz	
Insulation material	Glass Wool	
Weight	88-96Kg	120Kg
Data Logger	Historical Data logger with USB readout (available with TFT Con-	
Optional Accessories	Circular Chart Recorder, Additional Shelves, TFT Controller,	



**Mehrotra Biotech Pvt. Ltd.**

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**OUR BRANCH OFFICES**

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