



MEHROTRA
Biotech

LAB INCUBATOR

MI SERIES



INTRODUCTION

Mehrotra Biotech make MI series direct heating Lab Incubators offers an economical incubation method to a variety of micro-organism cultures. As a standard feature, all incubators are equipped with high tech micro processor controllers that maintains accurate temperature control (PID) of the chamber in the range of ambient+5°C to 100°C with an accuracy of $\pm 0.1^{\circ}\text{C}$. A user friendly digital controller allows easy setting and fast readout of temperature.

FEATURES

- ◆ PID Microprocessor based digital dual display controller.
- ◆ Fully programmable settings and easy to use.
- ◆ Multi functional Incubator –Double walled.
- ◆ Intermediate glass door/glass window on front door provides visibility to the chamber
- ◆ Insulated front door with fibre glass to maintain internal temperature
- ◆ Adjustable Perforated Stainless Shelves
- ◆ Temperature ranging from Ambient + 5°C to 100 °C with 1 °C sensitivity.
- ◆ Fan assisted air circulation provides uniformity of $\pm 0.5^{\circ}\text{C}$ (OPTIONAL)
- ◆ CE, ISO 9001:2015, ISO 13485:2016 certified.

Versatile and dependable – ideal for clinical, educational, or industrial labs. Maintain temperatures within $\pm 0.5^{\circ}\text{C}$. Tinted, see-through acrylic/Glass door lets you view the entire chamber without opening the door & ensures good temperature stability

Includes : 2 Nos Perforated Stainless Steel Shelves, Intermediate Glass/Acrylic Door and Microprocessor based Digital(PID) controller or 5 inches Full color Touch Screen Display Controller.



TECHNICAL SPECIFICATIONS

FEATURES	MI30	MI60	MI 90	MI150	MI200	MI300
MOC (external)	MS POWDER COATED or AISI SS304 (as optional)					
MOC (internal)	AISI SS304					
Temp Range	Ambient + 5 ⁰ C to 100 ⁰ C					
Sensitivity	±0.1 ⁰ C					
Alarm	Over temperature protection alarm					
Capacity	28L	60L	91L	150	216L	300L
Door (inner)	Viewing Window on door			Glass		
Int Dim (WxDxH) in	12x12x12	16X16X16	18x18x18	20x20x24	24x24x24	28x27x24
Ext Dim (WxDxH) in	18x15x15	19x19x24	24x22x22	28x24x28	32x30x30	34x33x30
Shelves	2	2	3	3	3	4
Display (standard)	7 Segment Dual LED Digital Display					
Display (OPTIONAL)	5" TFT Touch screen with Stability of ±1 ⁰ C					
Heating Method	Direct heating with coil heaters on 3 sides					
Insulation Material	Glass Wool					
Insulation Thickness	Upto 3 Inches					
Power consumption	250 W	300W	400W	700W	900 W	1500W
Power supply	230V, 50 Hz					

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