

MEHROTRA BIOTECH MAKE

INCUBATOR MODEL: MI 300

CONSTRUCTION

1. External case treated with a corrosive resistant epoxy coating.
2. Internal part: Easy to clean AISI 304 stainless steel double chamber, self-adjusting door seal and adjustable shelves and guides
3. Flexible floating door seal, self-adjusting that maintains the best possible seal.

TECHNICAL SPECIFICATIONS

1. Excellent thermal qualities of the Insulation has the optimum performance according to heater capacity and power consumption, with minimal external temperature loss.
2. Independent heating chamber for the heating elements to obtain an even heat distribution. And rapid temperature equilibrium and stabilization. And rapid temperature equilibrium and stabilization.
3. Temperature range ambient +5 to 80°C.
4. Fan assisted convection models have a turbofan



APPLICATIONS:

These microprocessor controlled incubators are used essential for a lot of experimental work in cell biology, microbiology and molecular biology and are used to culture both bacterial as well as eukaryotic cells.



ISO 9001: 2015
ISO 13485: 2016

Mehrotra Biotech Pvt. Ltd.

M&M TOWER B-22 23 VIBHUTI KHAND GOMTI NAGAR, Lucknow 226010

Tel + 91 522- 2720663 Fax + 91 522- 4004804

E-mail: sales@mehrotrabiotech.com, service@mehrotrabiotech.com, contact@mehrotrabiotech.com

Website: www.mehrotrabiotech.com

TFT TOUCH CONTROLLER



INPUTS:

- 1 Analog signal for Temperature Sensor
- 3 digital multi-function-power failures, Door Open, temperature high low alarms.
- Digital doormicro-switch
- 12 V 7 A/H Battery Backup.

TEMPERATURE ALARM:

Visual/ acoustic alarm for higher/ lower temperature alarm, power failure alarm. Alarm buzzer stops when the set point of the temperature is reached.

DOOR OPEN ALARM:

Visual and acoustic alarm when the door is open. Alarm can be muted by pressing the silent button on the TFT Touch screen display.

POWER FAILURE ALARM:

Visual/ Acoustic alarm for power failure. Several hours battery backup for display in case of power failure. The internal buzzer and alarm signals remains active in case of power failure.



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HISTORICAL DATA LOGGING:

TouchScreenbasedmicrocontrollerhavingthefacilityofaccessingtherecordofTemperatureandalarmeventsas per user selected data of Date and time.

Logging of Data is Available on the excel spreadsheet which gives information about set temperature and occurred alarms during stipulated time duration.

USB port for extracting saved data of Temperature and occurred alarm.

OPTIONAL SOFTWARE:

21 CFR COMPLIANT (OPTIONAL): SCADA software System with unique controlling features: Email Configuration, Company Information, Distance monitoring, Event log App based mobile accessing monitoring features.



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