

SAFETY

- Safety Alarm – For HEPA, UV, Sash door.
- True value for Inflow & Downflow.



EASY TO USE

- User friendly Microprocessor based LCD Display.



COMFORT

- Ergonomic design for easy access.
- Armrest for easy work & maintains unique air flow.

CERTIFICATIONS

- An ISO 9001 : 2015 Certified Company
- CE Marked : CE marked product
- GMP Certified product
- EN 12469: 2000, ISO 13485:2016, ISO 14644-1:2015
- EN ISO 14971:2012 Applicable Standards
- European Conformity Compliance CE certificate
- WHO & CED consultation.
- IQ / OQ / PQ certification.

SERVICE

- Prompt & timely Service.

SATISFACTION

- More than 500 satisfied Installation.



International Marketers for Scientific Equipments & Technologies

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**IMSET Maxi-Safe Series
Biosafety Cabinet**

“Your Safety, Our Commitment”



An ISO 9001-2008
Certified Company



www.imset.co.in

Class II A2

Class II Biohazard Safety cabinet should provide personnel, product & environment protection.

Class II Cabinets differ in proportion as 70% air is recirculated within the cabinet through high efficiency particulate air (HEPA) filtration.

Velocity of airflow to the work zone creates an class 100 environment for product protection, where the remaining exhaust air is discharged out through (HEPA).

Air barrier at the work opening & the contaminated air plenum under positive pressure. An air barrier between the operator & the work zone maintained by a flow of room air through a full width grille in the work opening.

]The barrier air mixes with the laminar flow air in a sump underneath the work surface & is exhausted to the outside environment through a HEPA filter.

Filter

Ulpa Filter is also provided as per request.

Sleep Mode Operation

We have a special feature of sleep mode operation wherein your machine runs on low consumption of electricity where the blower speed is reduced for longer performance.

TOUCH SCREEN LED DISPLAY

- Auto mode
- Manual Mode
- True Value for Inflow & Downflow.
- Safety Audio & Visual Alarm on Display:
 - HEPA blockage
 - UV On
 - Sash door level.
- UV Safety on Display:
 - UV Life indicator
 - UV Counter
 - UV Guard
 - UV auto off when sash door opens
- Blower, Fluorescent light on/off on display



Class II B2

Class II B2 Cabinets 100% air exhaust through HEPA filter.

The BSC meets the requirement of Class II B 2 NSF 49 or Class II EN 12469.

Typical Layout for working from clean room areas to dirty areas within a Class II biological safety cabinet (See Fig.2)

Operators :

All individuals working in BSC's should be observed to ensure they follow correct working practices before they routinely perform testing in BSC. The number of movements made across the front opening should be minimized by placing all necessary items into the cabinet before beginning manipulations.

Open Flames :

Open flames must be avoided in BSC's because heat disrupts the patterns of airflow within the cabinets. The use of disposable loops and disposable transfer pipettes is preferred.

Spills :

When a spill occurs inside a BSC, clean up should begin immediately. An effective disinfectant should be used and applied in a manner that minimizes the generation of aerosols



Class III

Class III Design: Personnel, Product / Sample, Environment Protection

Safe: Exhaust air is double-filtered through high-quality HEPA FILTRATIONS for 99.99% typical efficiency

Airflow: 100% Exhaust

Comfortable: Ergonomic 10 Degree Sloped Front Seamless Tabletop: Allows easy cleaning

Cabinet operates at negative pressure relative to the laboratory in order to prevent migration of pathogenic materials out of the work area.

