

BIOSAFETY CABINET

(CLASS III)

CE



“OPTICS TECHNOLOGY” Class III Bio safety cabinet offers the highest level of operator, product and environmental protection from infectious/biohazardous aerosols and is suitable for microbiological work. Designed for an absolute level of containment, it is frequently used for work involving the deadliest bio-hazards. A Class III cabinet is defined as a totally enclosed, ventilated cabinet with leak-tight construction it is also called glove boxes. The cabinet is maintained under negative pressure and supply air is drawn in through HEPA filters. A supply of HEPA filtered air provides product protection and prevents cross contamination of samples while exhaust air is HEPA-filtered and incinerated.

Key Benefits:

- Safer dual main with 100% exhaust filters
- Exclusive dual main exhaust filters provide > 100.000 times better protection than single-stage designs.
- An integrated pass-through with interlocking doors permits materials transfer without risk of environmental contamination.
- An angled cabinet front ensures a comfortable working posture.
- Energy Efficient Blowers

Validation of Laminar Air Flow, BioSafety Cabinet is also Available

Class-III

AIR FLOW

100% exhaust without mixing with the recirculated air.

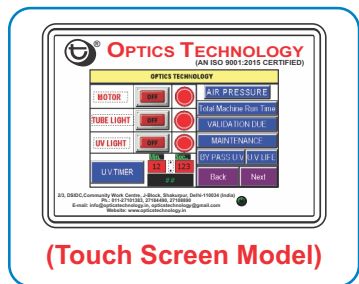
With Glove Port (Without Gloves)

Outer Body : Wooden / Mild Steel Duly Powder Coated / Stainless Steel (S.S. 304)

	Model No.	W x D x H
Brand : Optics Technology	OT-BSC-91-III W/MS/SS-A	2' x 2' x 2'
Electric Supply : Single Phase 220 Volts, 50 Hz	OT-BSC-91-III W/MS/SS-B	3' x 2' x 2'
Filter : Imported Mini Pleat HEPA FILTER	OT-BSC-91-III W/MS/SS-C	4' x 2' x 2'
Usage/ Application : Laboratory	OT-BSC-91-III W/MS/SS-D	6' x 2' x 2'
Glove Port : 2	OT-BSC-91-III W/MS/SS-E	8' x 2' x 2'

Optional:

1. Magnahelic Gauge in place of Static Pressure Manometer.
2. Digital Manometer
3. U.V. Resistant Poly Carbonate sheet in place of Acrylic Sheet.
4. LCD display with soft touch switches for motor, U.V. Light, F.V. Light & U.V. Timer
5. Imported Gloves
6. Automatic motorised front door lifting arrangement
7. Online transfer of data without any cable/wire Interference



- MICROPROCESSOR BASED

TOUCH SCREEN DISPLAY SYSTEM
- » Display of velocity with lower and upper safe limits.
 - » Display of total run time of instrument & timer for U.V. lamp
 - » Control of U.V. light to prevent the operator from U.V. rays as and when required.
 - » Automatic Door sensors to switch off the U.V. light when door is opened.
 - » Display of message for life of HEPA filter, U.V. light etc.

MOC : MS-Mild steel duly powder coated SS-stainless steel W-Wooden Body
 kindly select the one required in model number.