

BIO SAFETY CABINET



Manufacturer of Life Science Research Equipments





BIO SAFETY CABINET

A Biological Safety Cabinet (BSC), also known as a Biosafety Cabinet is mainly used for handling pathogenic biological samples or for applications that require a sterile work zone. EPS Biological safety cabinets are enclosed cabinets designed to protect the product, Operator and the surrounding environment when working with contaminated materials and or pathogens. Its primary purpose is biocontainment; hence all exhaust air is HEPA filtered. Bio-safety cabinets have several different types according to the required degree of biocontainment.





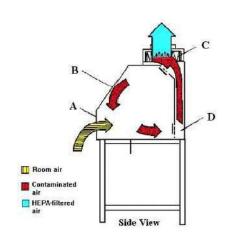


Types of Bio safety Cabinets:-

CLASS	Recirculation of Air (%)	Exhaust Air (%)	Exhaust Alternatives	Inflow Velocity (Ft/m)
Class I	0	100	Inside Room/ Hard Duct	75ft/m
Class II-A1	70	30	Inside Room/ Hard Duct	75ft/m
Class II-A2	70	30	Inside Room/ Hard Duct	100ft/m
Class II-B1	30	70	Hard Duct only	100ft/m
Class II-B2	0	100	Hard Duct only	100ft/m
CLASS-III	0	100	Inside Room/ Hard Duct	Closed

Biosafety Cabinet Class -I

The Class I biosafety cabinet provides personnel and environmental protection, but no product protection. It has similar turbulent air flow as a chemical fume hood, but has a HEPA filter in the exhaust system to provide containment and environmental protection. This older class of biosafety cabinet is rarely seen in biomedical and microbiological laboratories.

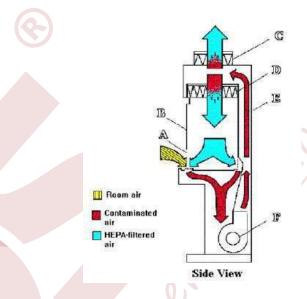


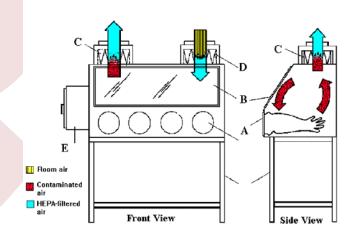
Biosafety Cabinet Class -II

The Class II biosafety cabinet provides protection to the user, the experimental material and the environment. The Class II biological safety cabinet is the type most commonly used in biomedical and microbiological laboratories. Air flow is drawn from the room around the operator into the front grille of the cabinet, which provides personnel protection. In addition, the downward laminar flow of HEPA-filtered air provides protection for experimental material inside the cabinet. Because cabinet air has passed through the exhaust HEPA filter, it is contaminant-free, providing environmental protection, and may be recirculated back into the laboratory (Class II Type A) or ducted out of the building (Class II Type B).

Biosafety Cabinet Class -III

The Class III biological safety cabinet is most suitable for work with biohazardous agents requiring high contains (biosafety level 3 or 4). The Class III cabinet is completely enclosed; HEPA filter-ventilated cabinet fitted with glove ports and decontamination capabilities for entry and exit of material. It offers the highest degree of personnel and environmental protection from infectious aerosols.





Technical Specifications & Ordering Information:

CLASS	Working Dimension in (Feet)	Overall Dimension in (mm)	MOC Inflow Velocity (Ft/m)		BSC – CLASS Selection
			Inner	Outer	
EPS/BSC-1200	4' X2'X2'	1280X780X1960	SS	MS	
					CLASS – I
EPS/BSC-900	3' X2'X2'	980X780X1960	SS	MS	CLASS II A1 CLASS II A2 CLASS II B1 CLASS II B2 CLASS III
EPS/BSC-600	2' X 2'X2'	680X780X1960	SS	MS	
EPS/BSC-1200-S	4' X 2'X2'	1280X780X1960	SS	SS	
EPS/BSC-900-S	3' X2'X2'	980X780X1960	SS	SS	
EPS/BSC-600-S	2' X2'X2'	680X780X1960	SS	SS	



















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Certificate of Compliance

This is to certify that the Products & spares of class Laccording to the Life Science Research Equipment directive 93/42/EEC manufactured by EPS BIOSOLATIONS

NAME: EPS BIOSOLATTIONS
ADDRESS: PLOT 4. FLAT B. ANNAI ABODE APARTMENT, 1ST CROSS STREET, CHETTI BABU NAGAR, PALIBEARANAI, CHENRAI, TANIE, NADU. 6803 905, 181128.

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The Certification Body los performed an independent audit of the above product quality system covering the design, mine alecture and final inspection of the certified product. The quality system has been socieded, approved and its injuried to expand one size eitherse according to the Life Science Research Equipment directive 93/42/EEC.

DISCRATIFICATE INSIGED INDEX THE FOLLOWING COMMITTION.

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Certification Calendar; Certificate No: INCE1206.302009

Registered on: 30.12.2022

Issued on: 30.12.2022

Expires on: 29.12.2025 1= Surveillance on/before: 29.12.2023

Ah 2nd Surveillance on/before: 29.12,2024









आस्त सरकार Government of India व्यापार चिठ्ठ रजिरदी Trade Marks Registry

व्यापार विज्ह अधिजियम, 1999 Trade Marks Act, 1999

व्यापार चिन्ह के रजिस्ट्रीकरण का प्रमाणपन, धार 23 (2), जियम 56 (1) Certificate of Registration of Trade Mark, Section 23 (2), Rule 56 (1)

up flux state / Trade Mark No. 3936903 Balto /Date 06/09/2018

बहु प्राचीन क्षेत्र उहाँ हैं भी देश करा विद्यु की राजपूरी दूसरे जान रहता है. वह के बार के देशका Curind dist Table Med. / энфонтакска в этихнибитес, has hown registered in the summe(yet)— EPS BROGULTIONS, NO. 83, FA, VONESHYPARA, APARTMENT, 80; CROOS STREET, RAJALAKSHMINAGAR, VELACHERY, CHERNAL 600 042, K. OORJ R. ANTHE, PARTMENSHYPERA, PERAMENT

In Class 9 Under No. 3936903 as of the date 06 September 2018 in respect of

Goods and service as annexed

Trade Mark as annexed

Scaled at my direction, this D4th day of April , 2019





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OUR CLIENTS





























































EPS Biosolutions

Registered Office:

Plot 4B, Annai Abode Apartment, 1st Cross Street, Chitti Babu Nagar, Pallikaranai, Chennai - 600 100. Tamilnadu. India. : 044-4207 2939.

info@epsbiosolutions.com | sales@epsbiosolutions.com

Factory:

No. 28/17, Bajanai Kovil Street,
Velachery, Chennai - 600 042. Tamil Nadu, India
Off - Orandiamman Kovil Street,

© 044-42072939 info@epsbiosolutions.com