



VayuClean Technologies

Elevate Your Cleanroom Space

www.vayucleantechologies.com



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Driven by Clean Air, Defined by Innovation.

Empowering Sterile Environments with
Next-Generation Cleanroom Solutions





ISOLATOR

"HIGH-CONTAINMENT ISOLATOR FOR STERILE AND SAFE MATERIAL HANDLING"

Designed for OEB 6 products with Class 3 containment (ISO 10648-2), ensuring maximum safety and sterility.

Operates under -80 to -120 Pa with dual HEPA filters, glove leak test system, and RTP ports.

Built with SS 316L, VHP-compatible, ISO 14644 compliant, and fully traceable per FDA 21 CFR Part 11.



VHP Pass Box

"STERILE MATERIAL TRANSFER VIA AUTOMATED VHP DECONTAMINATION"

Achieves 6-log microbial reduction using Vaporized Hydrogen Peroxide; FDA-compliant, ISO 14644 compliant.

Electromagnetic interlocked doors with inflatable seals ensure contamination-free transfer and operator safety.

PLC-based touchscreen interface with real-time cycle monitoring, optional catalytic converter, and built-in print logs.



Glove Leak Test

AUTOMATED GLOVE INTEGRITY TESTER ENSURING STERILE AND SAFE OPERATIONS

Uses pressure decay method to identify micro leaks in isolator gloves.

PLC-based system with adjustable test cycles and real-time alerts.

Suitable for nitrile, latex, and butyl gloves in sterile environments.



Vertical Laminar Air Flow

VERTICAL AIRFLOW CABINET FOR ASEPTIC, LOW-RISK OPERATIONS

EU-14 grade HEPA filter (99.999% @ 0.3µm) ensures Class 100 work zone.

Reinforced SS worktable, side glass panels, and control panel with DOP test port.

Low noise (<67 dB), Magnehelic pressure gauge, UV light option, and clean-down timer available.



Bio-Safety Cabinet

CLASS II BIOSAFETY CABINET WITH TRIPLE PROTECTION :
OPERATOR, PRODUCT, AND ENVIRONMENT

Features HEPA filtration and controlled laminar airflow.

BSL-2 and BSL-3 applications

Includes sash, UV light, and exhaust system.



Ceiling Laminar Air Flow

FLUSH-MOUNTED CEILING UNITS DELIVERING STERILE VERTICAL AIRFLOW

Provides HEPA-filtered vertical laminar flow to maintain sterile environments.

Perfect for operation theatres, sterile manufacturing, and modular cleanrooms.

Flush design compatible with modular ceiling grids to minimize turbulence and contamination.



Filter Cleaning Booth

NEGATIVE PRESSURE BOOTH FOR SAFE AND DUST-FREE FILTER CLEANING

Enables efficient cleaning of HEPA and pre-filters without airborne contamination.

Built-in suction and dust tray prevent particle dispersion.

Protects operators and extends filter usability.



Static Pass Box

INTERLOCKED BOX FOR MATERIAL TRANSFER BETWEEN CLEAN ZONES

Allows item transfer between rooms of equal cleanliness without airflow.

Prevents cross-opening to reduce contamination risks.

Easy installation, no active components.



Dynamic Pass Box

HEPA-FILTERED PASS BOX WITH ACTIVE AIRFLOW FOR ZONE SEPARATION

Maintains ISO class air quality with built-in HEPA filtration and active airflow.

Doors are interlocked to ensure unidirectional and contamination-free transfer.

Used in pharmaceutical, biotech, and electronics cleanrooms.



Reverse Laminar Air Flow

HEPA-FILTERED AIRFLOW UNIT FOR SAFE HANDLING OF HAZARDOUS POWDERS

Reverse airflow suction captures airborne particles during weighing/sampling.

Used in cytotoxic drug handling and powder containment zones.

Meets pharmaceutical safety and containment standards.



De-Dusting Booth

HEPA-FILTERED BOOTH USING HIGH-VELOCITY AIR JETS FOR DUST REMOVAL

Air showers dislodge particles from personnel or goods before cleanroom entry.

Ensures a contaminant-free zone using EU-grade HEPA filters.

Improves compliance and reduces risk of contamination.



Horizontal Laminar Air Flow

CLEAN AIR WORKSTATION WITH SILENT HORIZONTAL HEPA AIRFLOW

HEPA filters deliver ultra-clean horizontal laminar airflow.

For Safe, Non-Hazardous Work: Ideal for labs, R&D units, and sample prep.

Ergonomic design with low noise and minimal disruption.



Mist Shower

DISINFECTANT MIST SYSTEM FOR MICROBIAL CONTROL WITHOUT WETTING GARMENTS

Gentle Disinfection: Fine mist reduces microbial load on clothing without soaking.

Sensor-Based Operation: Automatic activation with adjustable mist duration and intensity.

Used in High-Sterility Areas: Ideal for vaccine production units and food processing zones.



Air Shower

FILTERED AIR JETS REMOVE SURFACE CONTAMINANTS BEFORE CLEANROOM ENTRY

High-Velocity Clean Air blasts remove dust and particles from personnel or equipment.

Interlocked doors and motion sensors for seamless entry control.

Flexible Configurations: Available in single or multiple-person setups.



Emergency decontamination shower for hazardous exposure response

BSL-3/4 Compliant: Suitable for chemical handling and high-biohazard zones.

Durable & Safe: Corrosion-resistant body with integrated drainage system.

Wet Shower

Rapid Response System:
High-flow water jets for immediate washdown in critical exposure cases.

Provides full decontamination, protecting your cleanroom and equipment.



Other Equipments..



A glimpse
of the
valued
clients we
proudly
serve

				
Ultra Drugs Pvt. Ltd.	Himedia Laboratories Pvt. Ltd.	Silver Line Laboratories	Sanctus Drugs & Pharmaceuticals Pvt. Ltd.	Prince Pharma
				
Pharm Asia Drugs	Micron Pharmaceuticals	Rolence Pharma & Chemicals IIP	Pell Tech Healthcare Pvt. Ltd.	McW Healthcare Pvt. Ltd.
				
Harvest Healthceuticals Pvt. Ltd.	Italco Pharma	Labprompt Infraprojects IIP	Macsen Drugs	Matish Healthcare Pvt. Ltd.
				
Farmson Basic Drugs Pvt. Ltd.	Global Labs	Futura Healthcare & Remedies Pvt. Ltd.	Halewood Laboratories Pvt. Ltd.	Harshvardhan's India
				
Ceza Formulations Pvt. Ltd.	Ciron Drugs & Pharmaceuticals Pvt. Ltd.	EAMON Private Limited	ERAWAT Pharma Limited	Cadila Pharmaceuticals Ltd.
				
Baroque Pharmaceuticals Pvt. Ltd.	Aurinko Healthcare Private Limited	Akums Drugs & Pharmaceuticals Ltd.	africure Pharmaceuticals India Pvt. Ltd.	Zenith Drugs Pvt. Ltd.

Trusted by Leading Brands

Your Cleanroom Journey Begins Here

Each piece is crafted with passion and precision.



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