



CLEANROOM EQUIPMENT

BY CRONAX INDUSTRIES



India's Most Trusted Cleanroom
Equipment Brand - Since 2013



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OVERVIEW

Cronax Industries – India's Leading Manufacturer of Entrance Door Automation, Cleanroom Equipment, & Hygiene Products – Since 2013 At Cronax, we don't just innovate—we deliver peace of mind through reliability, consistency, and long-term value. With a strong legacy, forward-looking mindset, and a growing global footprint, Cronax Industries continues to shape the future of industrial automation, hygiene, and cleanroom technology.



500+

Leading Brands



18K+

Unit Installed



97.8%

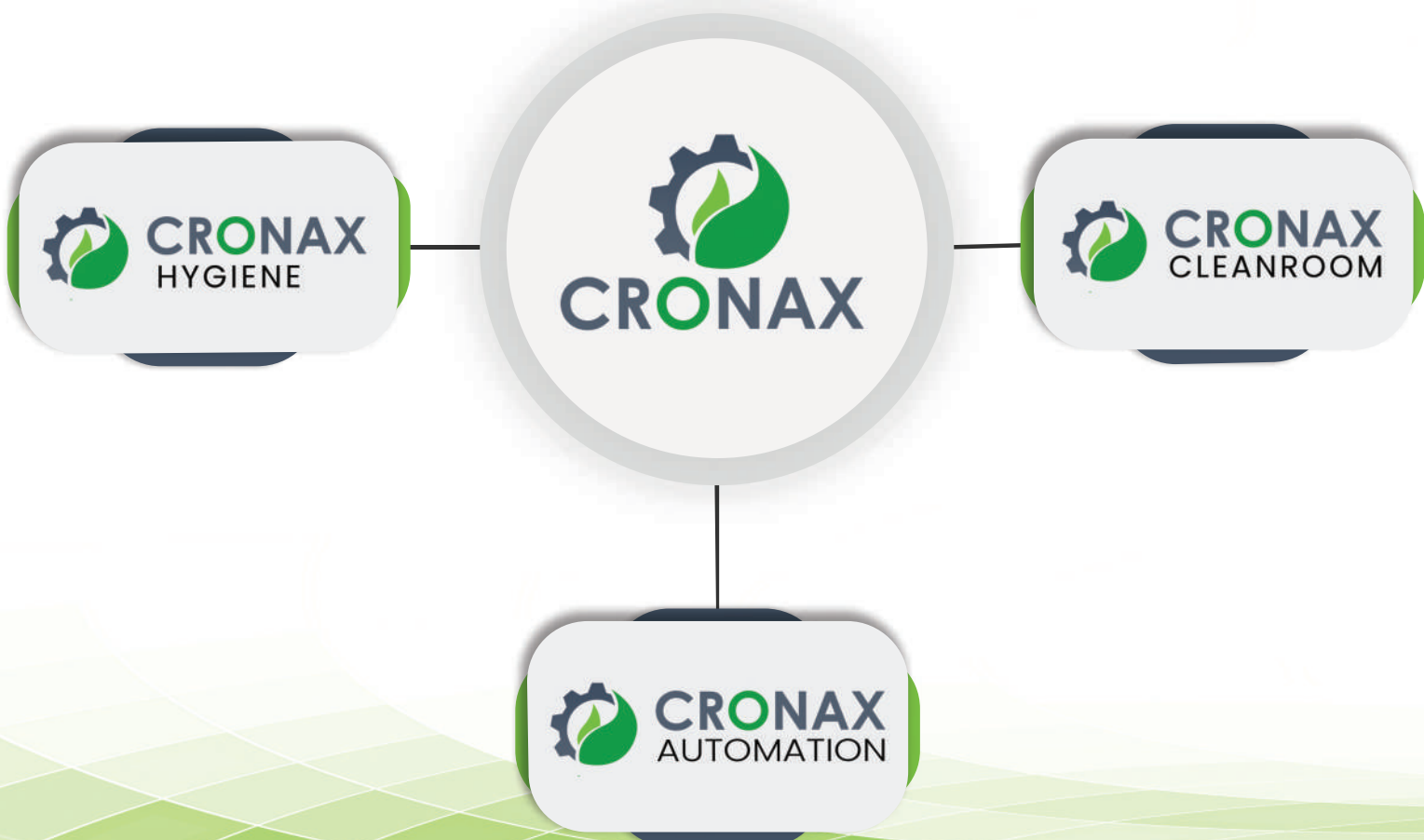
Positive Reviews



12+

Years of
Excellence

Cronax Industries is India's most trusted industrial solutions brand, parent to three specialized divisions: Cronax Automation, Cronax Cleanroom, and Cronax Hygiene.



Cleanroom equipment isn't just about creating a controlled space — it's about maintaining contamination-free environments where product integrity, patient safety, and regulatory compliance depend on every detail. Here's why organizations invest in the right cleanroom equipment for their facilities:

AIR SHOWERS

Contamination Control: High-velocity jets remove loose particles and contaminants from personnel and materials before cleanroom entry.

Barrier Protection: Acts as an airlock between non-sterile and sterile zones, preventing cross-contamination at the point of entry.

Interlocking Safety: Interlocked doors ensure only one door opens at a time, maintaining pressure differentials and cleanroom integrity.

PASS BOXES

Material Transfer Without Compromise: Enables safe passage of materials between cleanrooms of different classifications without breaching containment.

UV Sterilization Options: Built-in UV lamps decontaminate items during transfer, reducing bioburden risk.

Pressure & Interlock Control: Dynamic pass boxes maintain pressure cascades, while interlocks prevent both doors from opening simultaneously.

HYGIENE STATIONS

Hand & Gowning Hygiene: Touchless handwashing, sanitizing, and gowning stations reduce microbial load entering critical areas.

Protocol Compliance: Supports GMP and cleanroom SOPs by enforcing hygiene checkpoints before zone entry.

Reduced Human-Borne Contamination: Minimizes the single largest contamination source in cleanrooms — people.

HAND WASH STATIONS

Touchless Operation: Sensor-activated taps and soap dispensers eliminate hand-to-surface contact, reducing recontamination after washing.

Validated Hygiene Cycles: Timed wash, rinse, and dry sequences ensure consistent, repeatable hand hygiene compliant with GMP protocols.

Cleanroom-Compatible Construction: Stainless steel bodies with crevice-free, seamless design prevent microbial harborage and withstand routine disinfection.

BIO SAFETY CABINETS

Operator & Product Protection: HEPA-filtered airflow protects personnel from hazardous samples while protecting the product from contamination.

Containment for Biohazards: Essential for handling infectious agents, cell cultures, and biological materials safely.

Consistent Airflow Certification: Engineered to meet Class I/II/III biosafety standards for validated, repeatable protection.

LAMINAR AIR FLOW (LAF) UNITS

Unidirectional Clean Air: Delivers continuous, particle-free air over critical work zones, preventing contamination during sensitive processes.

ISO Classification Support: Helps facilities achieve and maintain ISO 5–8 cleanroom classifications.

Process-Critical Reliability: Vital for pharmaceutical filling, electronics assembly, and sterile compounding where even microscopic particles can cause failure.

CLEANROOM FURNITURE

Non-Shedding Materials: Constructed from stainless steel, powder-coated, or laminate surfaces that resist particle generation and are easy to sanitize.

Ergonomic & Functional Design: Purpose-built workstations, trolleys, and storage that fit cleanroom workflows without compromising cleanliness.

Corrosion & Chemical Resistance: Withstands frequent disinfection and harsh cleaning agents used in regulated environments.

CLEANROOM DOORS

Airtight Sealing: Gasketed edges and flush frames minimize air leakage, helping maintain pressure differentials between adjoining zones.

Seamless, Particle-Free Design: Smooth, crevice-free surfaces with no exposed fasteners prevent particle accumulation and simplify cleaning.

Interlock & View Panel Options: Electromagnetic interlocks prevent simultaneous door openings, while optional vision panels allow visibility without compromising containment.

CLEANROOM PANELS

Modular Construction: Prefabricated wall and ceiling panels allow flexible layout design and faster installation without compromising cleanliness.

Seamless Joints & Coving: Flush panel joints and coved corners eliminate dust traps, making surfaces easy to clean and validate.

Fire & Chemical Resistant Cores: PUF, honeycomb, or rockwool cores offer durability, insulation, and resistance to regulated environment demands.

WHY INDUSTRY LEADERS **CHOOSE** CRONAX INDUSTRIES

INDUSTRY LEADER SINCE 2013

12+ years of
manufacturing excellence
across multiple
industrial sectors.

DIRECT FACTORY PRICING

No hidden costs, no
middlemen. Just reliable
solutions at factory prices.

PAN-INDIA FAST DELIVERY

Standard size product
delivery 7-10 days
custom product 2-3
weeks.

1 YEAR ON- SITE WARRANTY

On-site part replacement
warranty for uninterrupted
operations.

INSTALLATION & SERVICE

Installation, commissioning,
AMC and after-sales
support across India.

BUILT TO GLOBAL STANDARDS

Designed in compliance
with EN, CE, ISO standards
and GMP guidelines.

PRODUCTION WITHOUT LIMITS

From single units to large
bulk orders, manufactured
with consistency.

THREE SPECIALIZED DIVISIONS

Cronax Cleanroom, Cronax
Hygiene and Cronax
Automation.

CERTIFICATES





Healthcare
Facilities



Data Centers
& IT Facilities



Pharmaceutical
& Biotech



Cleanroom
Environments



Acoustic-Sensitive
Spaces

UNIQUE SOLUTIONS FOR WIDE RANGE OF APPLICATIONS



Radiation-Prone
Areas



Research &
Testing Centers



Commercial &
Industrial Spaces

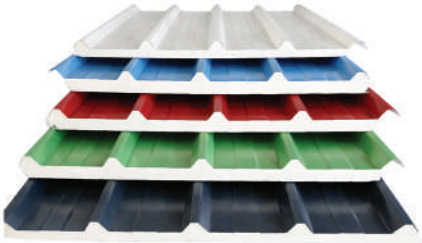


Educational
Institutions



Defense &
Aerospace

PRODUCT CATEGORY



CLEANROOM PANELS



CLEANROOM DOORS



AIR SHOWERS



PASS BOXES



HYGIENE STATIONS



HAND WASH STATIONS



LAF UNITS



BIO SAFETY CABINETS



CLEANROOM FURNITURE

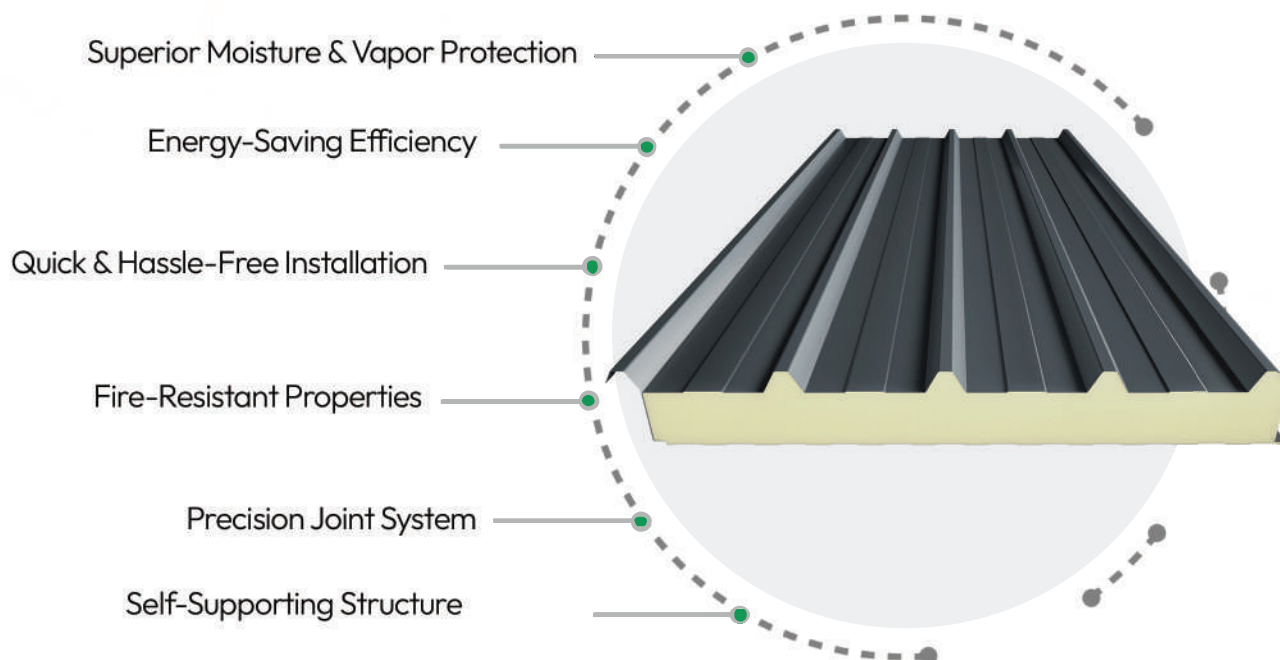
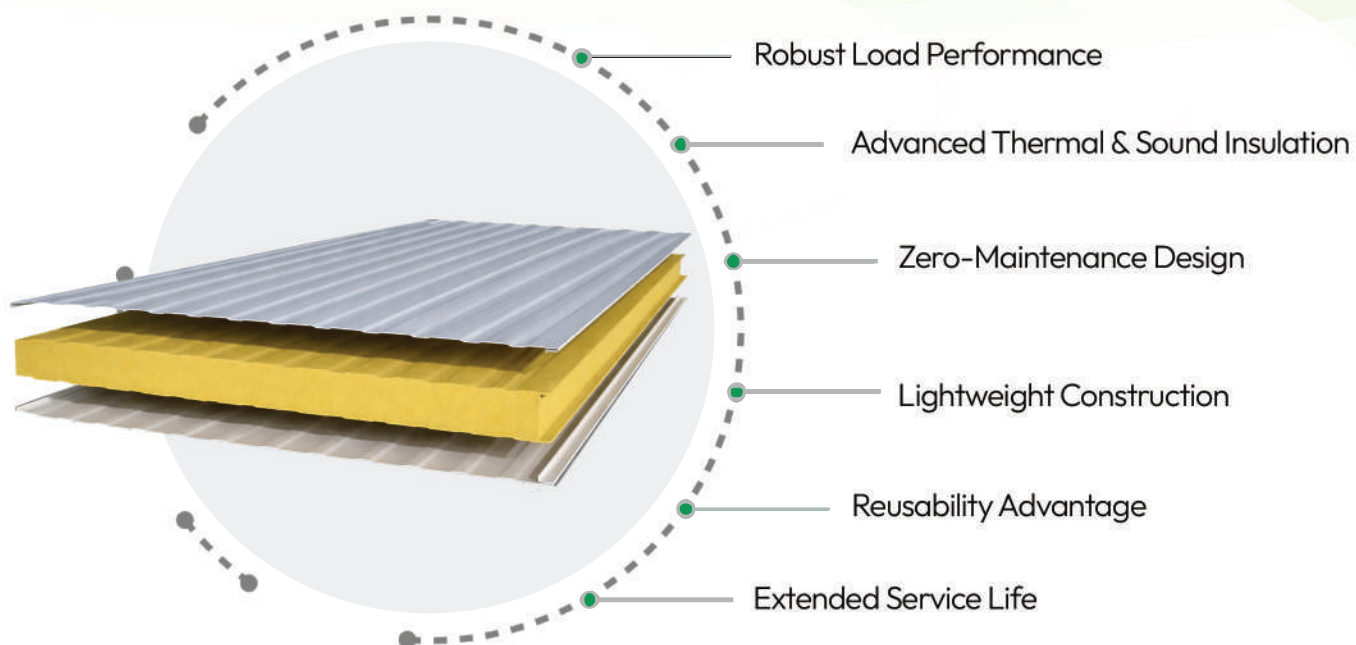
CLEANROOM — PANELS —



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Modular PUF Panel Systems for
Hygienic & Controlled Spaces



Feature	Specification
Panel Type	Insulated Cleanroom Sandwich Panel
Application	Wall / Partition / Ceiling
Core Options	PUF / PIR / Rockwool
Facing Options	PPGI / GI / SS304 / SS316L
Panel Thickness	50 / 60 / 80 / 100 / 120 / 150 mm
Panel Width	Up to 1200 mm
Panel Length	Custom Manufactured
Facing Thickness	0.40 – 0.80 mm
Joint Options	Flush / Tongue & Groove / Cam-Lock

CLEANROOM DOOR



Standard Features – Applicable to All Cleanroom Door Models

Feature	Specification
Application	Controlled Cleanroom & Hygienic Environments
Construction	Cleanroom-Compatible, Sealed Door Construction
Surface Finish	Smooth, Flush & Easy-to-Clean Finish
Door Sealing	Continuous Perimeter Sealing / Gasket System
Vision Panel	Flush-Mounted Vision Panel, Where Applicable
Hygienic Design	Minimal Dust-Trapping Joints & Crevices
Customization	Tailor-Made Dimensions & Configurations Available
Industry Suitability	Pharmaceutical, Biotechnology, Healthcare, Food & Medical Manufacturing



HINGED / SWING
CLEANROOM DOOR

Door Type	Single / Double Leaf Hinged Door
Thickness	50 mm Door Leaf
Skin Material	SS304 / SS316, 0.8–1.2 mm
Core	High-Density PU Insulation
Door Seal	Continuous EPDM Compression Gasket
Vision Panel	Double-Glazed Toughened Glass, Flush Mounted
Hardware	SS304 Hinges + Hydraulic Door Closer
Key Advantage	Flush, sealed construction for controlled cleanroom access

Door Type	Hermetically Sealed Automatic Sliding Door
Door Leaf Thickness	50–75 mm
Door Movement	Automatic Horizontal Sliding
Sealing System	Perimeter Compression Sealing
Drive System	Motorized Automatic Drive
Bottom Seal	Automatic Drop / Compression Seal
Pressure Compatibility	Positive & Negative Pressure Cleanrooms
Key Advantage	High-integrity sealing minimizes air leakage between controlled areas



HERMETIC
SLIDING DOOR



LEAD-LINED
CLEANROOM DOOR

Door Type	Lead-Lined Hinged / Swing Door
Thickness	50 mm Door Leaf
Lead Shielding	Integrated Lead Sheet
Lead Thickness	1.0–3.0 mm Pb (as per requirement)
Lead Glass	Radiation-Shielded Vision Panel
Door Frame	Lead-Shielded / Radiation-Compatible Frame
Sealing	Continuous EPDM Perimeter Gasket
Key Advantage	Integrated radiation shielding for X-ray and radiation-controlled areas



Door Type	Automatic Self-Repairing Roll-Up Door
Curtain Material	High-Tensile PVC / Flexible Industrial Fabric
Curtain Thickness	0.9–1.2 mm
Closing/Opening Speed	0.8 to 2.0 m/sec
Self-Repair Mechanism	Automatic Zipper Curtain Re-Insertion After Impact
Safety System	Photoelectric Safety Sensor + Emergency Stop
Key Advantage	High-speed operation with rapid recovery after accidental impact

Door Type	Fire Rated Hinged / Double Leaf Door
Fire Rating	60 / 90 / 120 Minutes
Door Construction	Multi-Layer Fire-Resistant Insulated Construction
Core	Non-Combustible Fire-Resistant Core
Fire Sealing	Intumescent + Smoke Seal
Hardware	Fire-Rated Hinges + Self-Closing Hardware
Vision Panel	Fire-Rated Glass, Where Required
Key Advantage	Fire compartmentation combined with cleanroom-compatible construction



Door Type	Acoustic Insulated Hinged / Sliding Door
Door Leaf Thickness	50–75 mm
Acoustic Core	High-Density Sound-Absorbing Insulation
Acoustic Performance	Rw 35–45 dB
Sealing	Continuous Acoustic Compression Gasket
Bottom Seal	Automatic Drop / Compression Seal
Vision Panel	Double-Glazed Acoustic Glass
Key Advantage	Reduces airborne noise transmission while maintaining a sealed cleanroom enclosure

CRONAX AIR SHOWER



Standard Features – Applicable to All Air Shower Models

Feature	Specification
Construction	SS304 / SS316 / Powder Coated GI Construction
Air Velocity	Up to 4600 FPM (Approx. 23.4 m/s)
Filter	EU4 Pre Filter (90% @ 10 Micron) + H14 HEPA Filter (99.999% @0.3 Micron)
Noise Level	Less than 70 dB
Door Interlocking	Electromagnetic Interlocking System
Access & Activation	Wave Sensor / RFID Card Reader / Manual Push Button Microwave Radar Sensor
Controller	Intelligent Digital Control Panel
Customization	Tailor-Made Dimensions Available



Capacity	Single Person
Door Configuration	Single Swing Door
Ideal For	Pharmaceutical, Biotechnology, Food Industry, Electrical/Electronics/ Solar& Battery Industries, Research Laboratories
Best Suited For	Individual Personnel Entry
Unique Feature	Compact Design for Space-Constrained Areas

Capacity	2-20 Persons
Door Configuration	Double Swing Door / Single Swing Door Sliding Door / Roll-Up Door
Ideal For	Pharmaceutical Plants, Vaccine Manufacturing, Food Industry, Electrical/Electronics/Solar & Battery Industries, Medical Device Facilities
Best Suited For	Simultaneous Entry
Unique Feature	High Throughput with Reduced Waiting Time
Customization	Tailor-Made Dimensions Available



Capacity	Single / Multi Person
Door Configuration	Three Door Design
Ideal For	Segregated Clean Zones, Multiple Production Areas & Controlled Access Facilities
Best Suited For	Multi-Directional Movement
Unique Feature	Flexible Entry & Exit Configuration
Customization	Tailor-Made Dimensions Available



Capacity	Single / Multi Person
Door Configuration	Automatic Sliding Door
Ideal For	Hospitals, Semiconductor Plants, Pharmaceutical Facilities & High-Traffic Cleanrooms
Best Suited For	Frequent Movement
Unique Feature	Touch-Free Operation with Space-Saving Design

Capacity	Conveyor Belt / Personnel & Material Transfer
Door Configuration	Automatic Roll-Up Door
Ideal For	Material Transfer Areas, Trolley Entry, Pallet Handling & Warehouse Clean Zones
Best Suited For	Large Equipment & Material Movement
Unique Feature	Wide Opening for Oversized Loads
Customization	Tailor-Made Dimensions Available



Activation	Pull Rod Operated
Optional Feature	Integrated Eye Wash
Ideal For	Chemical Plants, Laboratories, Pharmaceutical Manufacturing & Hazardous Work Areas
Best Suited For	Emergency Decontamination
Unique Feature	Immediate Response to Chemical Exposure
Customization	Tailor-Made Dimensions Available

CLEANROOM PASSBOX



Standard Features – Applicable to All Pass Box Models

Feature	Specification
Construction	SS304 / SS316 / Powder Coated GI
Surface Finish	Matte / Mirror Finish (As Required)
Door Interlocking	Electromagnetic / Mechanical Interlocking System
Viewing Window	Toughened Glass Viewing Panel
Controller	Intelligent Digital Control Panel (Dynamic Models)
Power Supply	230V AC, 50 Hz
Customization	Tailor-Made Dimensions Available



STATIC PASS BOX

Construction	SS304 / SS316 / Powder Coated GI
Filter	-
Ideal For	Pharmaceutical, Biotechnology, Food Industry, Electrical/Electronics/Solar & Battery Industries, Research Laboratories etc.
Best Suited For	Material Transfer Between Equal Cleanliness Areas
Unique Feature	Economical & Contamination-Free Material Transfer

Construction	SS304 / SS316 / Powder Coated GI
Filter	EU4 Pre Filter (90% @ 10 Micron) + H14 HEPA Filter (99.999% @ 0.3 Micron)
Ideal For	Pharmaceutical, Biotechnology, Food Industry, Electrical/Electronics/Solar & Battery Industries, Semiconductor & Sterile Manufacturing etc.
Best Suited For	Material Transfer Between Different Cleanroom Classifications
Unique Feature	HEPA Filtered Air Prevents Cross Contamination



DYNAMIC PASS BOX



AUTOMATIC HAND WASH STATION

Operation	Automatic Sensor Based
Construction	SS304 / SS316 Stainless Steel
Capacity	Single / Multi User Configuration
Ideal For	Pharmaceutical, Biotechnology, Food Processing, Hospitals & Cleanrooms
Best Suited For	High Hygiene Personnel Entry Areas
Unique Feature	Completely Touch-Free Hand Washing Operation



Operation	Knee Operated
Construction	SS304 / SS316 Stainless Steel
Capacity	Single / Multi User Configuration
Ideal For	Hospitals, Laboratories, Pharmaceutical & Food Industry
Best Suited For	Areas Requiring Hands-Free Water Operation
Unique Feature	Eliminates Hand Contact During Washing

**KNEE OPERATED
HAND WASH STATION**

Operation	Automatic / Manual (As Required)
Mobility	Heavy-Duty Lockable Castor Wheels
Water Storage	Integrated Fresh & Waste Water Tanks
Power Supply	Plug-in / Battery (Depending on Configuration)
Ideal For	Temporary GMP Areas, Site Offices, Healthcare & Food Processing
Best Suited For	Locations Without Permanent Plumbing
Unique Feature	Mobile Hand Hygiene Solution with Self-Contained Water System



**PORTABLE HAND
WASH STATION**



Operation	Manual / Sensor Based
Installation	Wall Mounted
Space Requirement	Compact Design
Ideal For	Cleanrooms, Hospitals, Laboratories, Food Processing & Commercial Kitchens
Best Suited For	Space-Constrained Areas
Unique Feature	Compact Wall-Mounted Design for Efficient Hand Hygiene

**WALL MOUNTED
HAND WASH STATION**

HYGIENE STATION



Standard Features – Applicable to All Hygiene Station Models

Feature	Specification
Construction	SS304 / SS316 Stainless Steel
Operation	Automatic Sensor Based
Safety	Emergency Stop Button
Hygiene Control	Contactless Operation
Installation	Floor Mounted
Customization	Tailor-Made Dimensions Available



Capacity	Two Persons Simultaneously
Construction	SS304 / SS316 Stainless Steel
Operation	Independent Automatic Sensor-Based for Both Lanes
Ideal For	Large Pharmaceutical Plants, Food Processing Units, Manufacturing Facilities & High-Traffic Cleanrooms
Best Suited For	High Footfall Entrances
Unique Feature	Dual-Lane Design for Faster Movement

**DOUBLE LANE
HYGIENE STATION**

Cleaning Type	Automatic Sole Cleaning
Brush System	Rotating Brush Mechanism
Operation	Automatic Sensor Based
Ideal For	Pharmaceutical, Food Processing, Biotechnology, Hospitals, Laboratories, Cleanrooms, Manufacturing Facilities
Best Suited For	Dedicated Footwear Cleaning Before Cleanroom Entry
Unique Feature	Removes Dust & Contaminants from Shoe Soles Before Entry



SOLE CLEANING MACHINE



Capacity	Single Person Entry
Construction	SS304 / SS316 Stainless Steel
Operation	Automatic Sensor Based
Ideal For	Pharmaceutical, Food, Biotechnology, Hospitals & Electronics Industries
Best Suited For	Medium Footfall Entrances
Unique Feature	Complete Personnel Hygiene Verification in a Single Lane

**SINGLE LANE
HYGIENE STATION**



**HORIZONTAL
LAMINAR AIR FLOW**

Air Flow Direction/Discharge	Horizontal/Rear to Front
Filter	EU4 Pre Filter + H14 HEPA Filter (99.999% @ 0.3 Micron)
Ideal For	Pharmaceutical Manufacturing, Electronics Assembly, Research Laboratories & Quality Control
Best Suited For	Sterile Product Assembly, Media Preparation & Non-Hazardous Laboratory Operations
Unique Feature	Uniform Horizontal Airflow Provides Continuous Product Protection Across the Entire Work Surface

Air Flow Direction/Discharge	Vertical/ Top to Bottom
Filter	EU4 Pre Filter + H14 HEPA Filter (99.999% @ 0.3 Micron)
Ideal For	Pharmaceutical Manufacturing, Biotechnology, Medical Device Production & Research Laboratories
Best Suited For	Sterile Sample Preparation, Assembly & Critical Laboratory Processes
Unique Feature	Vertical Laminar Airflow Minimizes Particle Deposition While Maintaining a Clean Working Environment



**VERTICAL
LAMINAR AIR FLOW**



**REVERSE
LAMINAR AIR FLOW**

Air Flow Direction/Discharge	Reverse Air Flow/ Front to Rear
Filter	EU4 Pre Filter + H14 HEPA Filter (99.999% @ 0.3 Micron)
Ideal For	Powder Dispensing, Sampling, Weighing, API Handling & Material Transfer
Best Suited For	Powder Handling Operations Requiring Controlled Airflow
Unique Feature	Reverse Airflow Directs Air Away from the Operator to Minimize Exposure During Powder Handling

BIO SAFETY CABINET



Standard Features – Applicable to All BioSafety Cabinet Models

Feature	Specification
Construction	SS304 Stainless Steel Interior / Powder Coated GI Exterior
Filtration	EU4 Pre Filter (90% @ 10 Micron) + H14 HEPA Filter (99.999% @ 0.3 Micron)
Airflow	Controlled / Unidirectional Airflow (as applicable to cabinet class)
Controller	Intelligent Digital Control Panel
Noise Level	Low Noise Operation
Safety Alarm	Audio & Visual Alarm System
Customization	Tailor-Made Dimensions Available



**CLASS I BIOLOGICAL
SAFETY CABINET**

Construction	SS304 Stainless Steel Interior / Powder Coated GI Exterior
Airflow	Inward Airflow with HEPA Filtered Exhaust
Access Type	Open Front
Ideal For	Microbiological Research, Diagnostic Laboratories & Sample Handling
Best Suited For	Handling Low to Moderate Risk Biological Agents Without Sterile Product Protection
Unique Feature	Protects the Operator and Environment While Drawing Contaminated Air Away from the User

Construction	SS304 Stainless Steel Interior / Powder Coated GI Exterior
Airflow	Vertical Laminar Downflow with Inflow Air Curtain
Access Type	Open Front
Ideal For	Pharmaceutical Manufacturing, Cell Culture, Microbiology, Biotechnology & Medical Research
Best Suited For	Sterile Biological Procedures Requiring Simultaneous Product and Personnel Protection
Unique Feature	Provides Triple Protection for Personnel, Product and Environment



**CLASS II BIOLOGICAL
SAFETY CABINET**



**CLASS III BIOLOGICAL
SAFETY CABINET**

Construction	SS304 Stainless Steel Interior / Powder Coated GI Exterior
Airflow	Totally Enclosed Negative Pressure System
Exhaust	Dual HEPA Filtered Exhaust
Access Type	Gas-Tight Glove Box
Ideal For	High-Risk Pathogen Research, BSL-3 & BSL-4 Laboratories
Best Suited For	Handling Highly Infectious or Hazardous Biological Agents
Unique Feature	Fully Sealed Glove Box Design Provides the Highest Level of Biosafety

CLEANROOM FURNITURE



Dress Cabinet



Cross over bench



Storage Cabinet



Material Handling Trolley



Working Table



Anti Vibration Table



Stainless Steel Pallet



Chair & Stools

VALUEABLE CLIENTS

Corporate & MNC's



Food & FMCG



Pharma and Health Care



Pribolab
Devoted to Food Safety Every Day

RANBAXY



AMRITA HOSPITAL



Fortis



sarvodaya HEALTHCARE

Sterimac

Government & Institutions



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MINISTRY OF
HOME AFFAIRS



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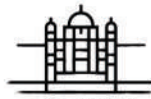
NATION WIDE SERVICE SUPPORT



DELHI



MUMBAI



BENGALURU



CHENNAI



KOLKATA



HYDERABAD



PUNE



AHMEDABAD



JAIPUR



LUCKNOW

Vadodara

Surat

Indore

Nagpur

Jaipur

Lucknow

Coimbatore

Chandigarh

Bhopal

Visakhapatnam

Mysuru

Guwahati

Faridabad

HVAC & CLEANROOM VALIDATION SERVICES

Services Delivers Through Our Certified Third-Party Partners



HVAC SERVICES

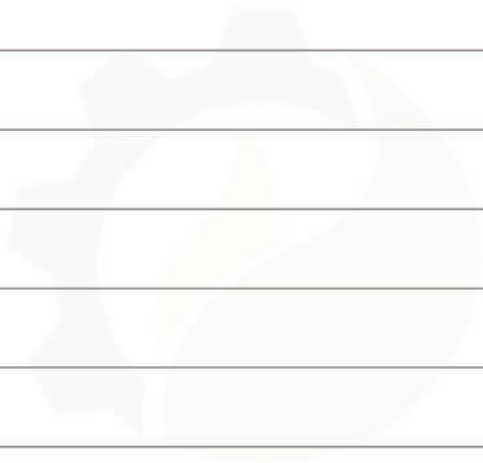
- ✓ Design & Consultation
- ✓ Installation
- ✓ Maintenance



CLEANROOM VALIDATION SERVICES

- ✓ IQ / OQ / PQ
- ✓ Air Flow Testing
- ✓ Particle Count Testing
- ✓ Annual Validation

NOTES



CRONAX





Proudly Serving
20+ COUNTRIES
WORLDWIDE



Global
Presence



Trusted
Worldwide



Innovative
Solutions



Committed to
Excellence



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