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Pharmintech



Complete Cleanroom Solutions

www.pharmintech.net

About us

PHARMINTECH is a technology based and knowledge driven enterprise, offering superior quality Products & Services. We offer Cleanroom Turnkey Services and ensure to deliver defect free and flawless range of products, widely demanded for Pharmaceutical, Cosmetic, Biotechnology, Electronics, Automobiles and Food Industries across the globe.

Pharmintech employs a team of in-house HVAC, Mechanical and Electrical Engineers to ensure that the integration of all services is efficient and professional. Our team consists of highly motivated & Experienced professionals with exposure to technology and business development.

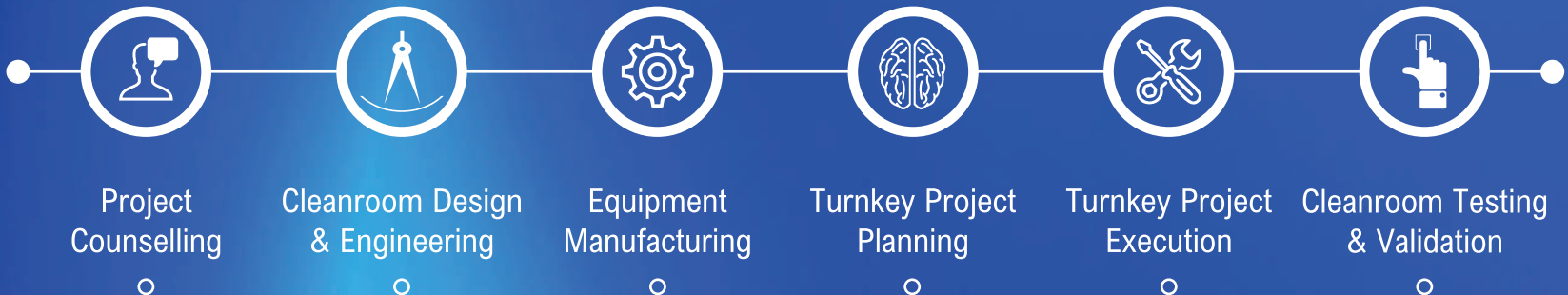
Our main target is Customer satisfaction through awareness of customer needs, Quality control and constant upgradation of products and services. Our cross-sector obligations go far beyond the scope of our business, sustainable development, environmental protection, social and civic policies.

Vision & Mission

Our Vision is to be the most Reliable and Innovative Turnkey Solutions Provider for the Cleanroom Industry.

Our Mission is to utilize innovative technologies within an environment of motivated employees focused on continuous improvement, highest business standards, work ethics and corporate citizenship, leading to added value to our Clients..

Business Scope



Turnkey Cleanroom Solutions

**Cleanroom Modular
Wall & Ceiling Panels**

**Cleanroom Doors
& Windows**

**Cleanroom HVAC
& Validation**

**Cleanroom
Equipment**

**Cleanroom Electrical
& Utilities**



Cleanroom Modular Wall & Ceiling Panels



Specifications & Features

Panel Thickness	:	50 mm / 75 mm / 80 mm / 100 mm
Insulation	:	PUF / Rock Wool / Honey Comb / PIR.
Max Panel Width	:	1200 mm
Sheet Thickness	:	0.6 / 0.8 / 1.0 mm
Sheet Finish	:	Pre-Painted GI (PPGI) / PowderCoated GI (PCGI)
Panel Connection	:	Aluminum / GI interconnecting profile.
View Panel Glazing	:	Flush 5 mm glass on both sides.

Cleanroom Doors



Specifications & Features

Frame Thickness	:	As per required sizes
Leaf Sheet Thickness	:	0.8 mm
Frame Sheet Thickness	:	1.2 mm thick GI frame
Surface Finishing	:	Epoxy powder coated
Insulation	:	PUF / Mineral Wool / Honey Comb
Glazing	:	Flush 5 mm glass on both sides

Hardware & Accessories

- Door Closer
- SS Ball bearing Hinges
- Automatic Door Drop seal
- SS Handles
- Concealed Tower Bolt
- Mortice Dead Lock
- Kick & Push Plates
- Panic bar for Emergency Doors

Cleanroom HVAC & Validation



Scope of Work in HVAC

- Complete HVAC High Side & Low Side works
- Hygiene AHU / Chillers
- Ducting as per SMACNA Standards
- Indoor Air Quality Control
- Humidity & Temperature Control & Monitoring
- Humidification & De-Humidification
- Ventilation Works

Industries we serve

- Sterile
- Oral Solid Dosage (OSD)
- Bulk Drugs
- R & D labs
- Oncology
- Small & Large Volume Parenterals (SVP & LVP)
- Food , Automobiles & Electronics
- Biotech

Cleanroom Electrical & Utility Piping



Scope of Work in Electrical

- Load analysis and calculations with Basic and Detailed Engineering
- Sensors to Monitor Humidity, Temperature and Differential Pressure
- MV and LV distribution Panels & cabling works with Earthing
- Internal Electrification with BMS Systems
- Low Voltage Distribution (Data & Voice) with Cables and Cable Trays
- Integration with other third-party services.

Scope of Work in Utility Piping

- Pure Steam Piping
- Compressed Air Piping
- Potable Water Piping / Nitrogen Piping
- Vacuum Piping
- Chilled / Hot water Piping
- Cleanroom Utility SS Pendants

Static Pass Box



PHARMINTECH Static Pass Box is specifically designed that aids in the material transfer within same Cleanroom Classification without much personnel movement.

SPECIFICATIONS & FEATURES

- Material of Construction : SS 304 / SS 316 / SS 316 L / PCGI
- Flush Double walled Construction with Internal Coving
- Flush Doors with double walled flush glass view panels
- Electro-Magnetic Interlocking / Mechanical
- Feather touch Door Release Switch on either side

PHARMINTECH Dynamic Pass box helps in prevention of contaminants entrance either in the Cleanroom or between various classified areas.

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Air cleanliness	:	ISO Class 5 (ISO 14644-1:1999(E))
Air Velocities	:	0.45 ± 0.05 MPS OR 100 ± 20 FPM
Air Flow	:	Vertical – Re-circulatory
Power Supply	:	230V AC 1- Ø 50 HZ

Dynamic Pass Box



Horizontal LAF



PHARMINTECH Horizontal LAF is designed for offering highest product protection by providing ISO Class 5 particle free work area for handling critical process.

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Air cleanliness	:	ISO Class 5 (ISO 14644-1:1999 (E))
Air Velocities	:	0.45 ± 0.05 MPS OR 100 ± 20 FPM
Air Flow Direction	:	Horizontal – Re-circulatory
Power Supply	:	230V AC 1- Ø 50 HZ
Supply Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3

Vertical LAF



PHARMINTECH Vertical LAF is designed to create areas supplied with a continuous flow of clean air to maintain a work environment that is free from dust particles, and toxic or noxious fumes.

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Air cleanliness	:	ISO Class 5 (ISO 14644-1:1999 (E))
Air Velocities	:	0.45 ± 0.05 MPS OR 100 ± 20 FPM
Air Flow Direction	:	Vertical – Re-circulatory
Power Supply	:	230V AC 1-Ø 50 HZ
Supply Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3 micron

PHARMINTECH (RLAF) is designed for providing highest level of protection from airborne contaminants generated during powder handling operations such as sampling, charging & dispensing. RLAF provides Operator Protection & Product Protection

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Air cleanliness	:	ISO Class 5 (ISO 14644-1:1999 (E))
Filtration Stages	:	3 Stage Filtration
Air Velocities	:	0.45 ± 0.05 MPS OR 100 ± 20 FPM
Supply & Bleed Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3 micron

Reverse LAF



Mobile LAF Trolley



PHARMINTECH (MLAF) is designed for transporting sterile products under Class 100 particle free work area. The work area is supplied with positive pressure HEPA filtered air flow.

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Air cleanliness	:	ISO Class 5 (ISO 14644-1:1999 (E))
Filtration Stages	:	2 Stage Filtration
Air Velocities	:	0.45 ± 0.05 MPS OR 100 ± 20 FPM
Power in Mobility	:	Battery back-up with inverter for 30 minutes
Supply Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3 micron

Air Shower



PHARMINTECH Air Shower is designed to supply Class 100 HEPA filtered air at high velocity to remove particulate matter from the person entering the Cleanroom.

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Air Velocities	:	2500 to 4000 FPM
Air Flow Direction	:	Vertical + Horizontal through Jet Nozzles
Power Supply	:	230 V AC 1 Ø 50 HZ / 415 V AC 3 Ø 50 HZ
Supply Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3 micron

PHARMINTECH Mist Shower (MS) is a chamber installed at exit of Cleanroom to provide protection during de-gowning process while exiting the area.

Mist Shower

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L
Mist Flow Direction	:	Vertical + Horizontal through Mist Nozzles
Supply & Drain System	:	Supply & Drain system with Ultrasonic Nozzles
Control Systems	:	PLC / Micro- processor-based Controller
Flooring Type	:	Removable Stainless-Steel Flooring



Bio Safety Cabinet



PHARMINTECH (BSC) is designed to provide personnel, environmental and product protection. Air flow is drawn around the operator into the front grille, which provides personal protection.

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Level of Safety	:	Level 1 to Level 3
Air cleanliness	:	ISO Class 5 (ISO 14644-1:1999 (E))
Air Velocities	:	0.45 ± 0.05 MPS OR 100 ± 20 FPM
Power Supply	:	230V AC 1- Ø 50 HZ
Supply & Exhaust Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3 micron

Garment Cubicle



PHARMINTECH Garment Storage Cabinet (GSC) is designed to provide Class 100 particle free work area to meet garment storage needs which avoids any particulate accumulation.

SPECIFICATIONS & FEATURES

Material of Construction	:	SS 304 / SS 316 / SS 316 L / PCGI
Air cleanliness	:	ISO Class 5 (ISO 14644-1:1999 (E))
Air Velocities	:	0.45 ± 0.05 MPS OR 100 ± 20 FPM
Air Flow Direction	:	Vertical – Re-circulatory
Supply Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3 micron

PHARMINTECH Fume Hood (FH) is a type of local ventilation device that is designed to limit exposure to hazardous or toxic fumes, vapors or dusts.

SPECIFICATIONS & FEATURES

Material of Construction	:	Powder Coated MS / SS 304 / PCGI
Exhaust System	:	Exhaust Chimney with weather cowl, bends flanges.
Ducting	:	PVC / FRP duct pipe with suitable elbow
Power Supply	:	230V AC 1- Ø 50 HZ
Exhaust Filter	:	HEPA Filter - Efficiency- 99.997% down to 0.3 micron

Fume Hood



SS Furniture



Cleanrooms require specialized furniture that does not shed particles. You can rely on Pharmintech to supply the CLEANROOM furniture you need.

SPECIFICATIONS & FEATURES

- Stainless Steel 304 Grade compatible with CLEANROOM Class 100,000 to Class 100
- Extremely smooth surface ensuring reduced particle retention

Our Cleanroom SS Furniture range includes

- Stainless Steel Tables, Chairs, Trolleys, Step Ladders, Storage Lockers, Stools,
- Stainless Steel Cross Over Benches, Garment Storage Cabinets, Working Tables.
- Stainless Steel Racks, trays, mopping Trolleys, Bins, Sinks etc.

Clientele



and many more...

Some of our International Clients



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