



suntec teknopak®

Engineered Solutions for Airborne Contamination Control

Cleanroom Equipment &
Accessories

Sterilizing & Depyrogenating
Tunnels

Modular Cleanroom
Partition Systems

Turnkey Projects for Cleanrooms &
Associated Controlled Environ



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Engineered Solutions for Airborne Contamination Control®

suntec teknopak is promoted and managed by Professionals with experience of over 30 years in the relevant field and supported by well trained engineers & technicians for Design, Installation, Commissioning, Qualification and Documentation.

Design and manufacturing capabilities meeting international standards and cGMP requisites.

Well experienced Techno – Commercial Team to provide practical and cost efficient solutions for airborne contamination control needs.

Our specialization

Modular Cleanroom Partition Systems :

- Suntec design and build pre-engineered Modular Cleanrooms to meet any specific application needs of the user
- Modular Wall/Ceiling Panels, Doors, View Panels and accessories (Design, supply and installation)

Projects:

- Suntec design, build, Qualify and provide documentation for Cleanrooms and Associated Controlled Environ for any application
- We have in-house manufacturing facilities for all major components for low side HVAC, including AHUs and successfully executed many projects for Pharma, Biotech, Laboratories etc. Industries
- HVAC/Cleanroom Projects (Facility & System Design, supply of equipment & accessories, installation, qualification and documentation)
- Bio-containment / Bio-Safe and associated controlled environs (Facility & System Design, supply of equipment & accessories, installation, qualification & documentation)
- Operation Theaters
- Cold Rooms
- Air Handling Units (AHUs) and Air Washers

Cleanroom Equipment & Accessories :

- Sterilizing and Depyrogenating Tunnels for Glass Vials and Ampoules
- Unidirectional Air Flow Systems (formerly known as Laminar Air Flow Systems)
- Reverse Air Flow Containment Stations for Dispensing and Sampling
- Containment Stations for Solvent Dispensing
- Bio-Safety Cabinets
- Mobile Unidirectional Air Flow Systems
- De-dusting Tunnels
- Pre-filter Cleaning Stations
- Laboratory Animal Isolators
- Custom built HEPA filtered devices to meet any specific application
- **Cleanroom accessories :** Air Showers, Mist Showers, Shower Suites (Shower - Dryers), Garment Storage Cabinets, Pass Boxes etc.
- Pre and HEPA filters (including HEPA filters for high temperature application)
- Components & Accessories for HVAC/Cleanroom Projects
- Customized Stainless Steel Fabrication



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Engineered Solutions for Airborne Contamination Control

Sterilizing & Depyrogenating Tunnels for Glass Vials and Ampoules



- Compact design.
- Built-in controls.
- PLC Controlled automatic operations.
- Plug-in & operate design.
- Can be integrated with any make of Washing Machine & Filling Line

Unidirectional Vertical Reverse Air Flow Containment Stations (For Sampling / Dispensing)



- Pre-engineered construction.
- Built-in coving on all inside corners and at the bottom.
- Feather touch On/Off switches
- Two stage pre-filtration by excellent quality washable and long lasting 5 & 3 micron pre-filters.
- Double stage motor blower assembly

Automatic operations (Optional)

Micro processor based control for digital display for:

- ◆ Differential Air Pressure (Min. & Max. range selection).
- ◆ Motor speed control.
- ◆ Air velocity.
- ◆ Audio visual alarm for motor blower malfunctioning.
- ◆ Audio visual alarm for any change of set parameters & power failure.



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Unidirectional Vertical Air Flow Work Stations (ceiling suspended / stand mounted)



Unidirectional Horizontal Air Flow Work Stations



Automatic Operation (Optional)

Microprocessor based controls with digital display for:

- Differential Air Pressure (Min. & Max. range selection)
- Motor Speed Control
- Air velocity
- Audio & visual alarm for motor blower malfunctioning
- Audio & visual alarm for any change of set parameters and power failure



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Mobile Unidirectional Air Flow Systems



Biological Safety Cabinets



Automatic Operation (Optional)

Microprocessor based controls with digital display for:

- Differential Air Pressure (Min. & Max. range selection)
- Negative Air Pressure
- Motor Speed Control & Air velocity
- Audio & visual alarm for any change of set parameters and power failure



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Pass Boxes (Dynamic & Static)



Dynamic Pass Boxes with Vaporized Hydrogen Peroxide (VHP) Fogging System



- Automatic Operation - PLC controlled
- Programmable process with pre-set duration
- Stainless Steel construction
- Storage Tank (SS) for Hydrogen Peroxide
- Suitable Air Compressor (or air from existing Compressor can be used)
- Suitable S. S. Nozzles for aeration
- De-fumigation by hot air (temperature controlled)
- Customized sizes and designs





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Garment Storage Cabinets (Dynamic & Static)



Air Showers





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Shower Suites (Shower - Dryers)



- Automatic Operation - PLC controlled
- Process and operations are programmable with pre-set duration
- Stainless Steel (304 or as required) construction
- Shower with temperature controlled water (soap water - optional)
- Temperature controlled Air Jet
- Customized sizes and designs



Mist Showers

- Fully Automatic Operation - PLC controlled
- Programmable process with pre-set duration
- Stainless Steel (304 or as required) construction
- Suitable S.S. Nozzles for aeration
- Customized sizes and designs



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Pre-Filter Cleaning Stations



- Automatic Operation - PLC controlled
- Manual intervention only for loading and unloading of filters
- Programmable duration for each cleaning cycle
- Stainless Steel construction
- Customized sizes and designs

De-Dusting Tunnels



- Automatic Operation - PLC controlled (Optional)
- Rolling shutter (suitable for auto & manual operation) at the in-feed (optional)
- VFD control for conveyor drive (Optional)
- Customized sizes and designs



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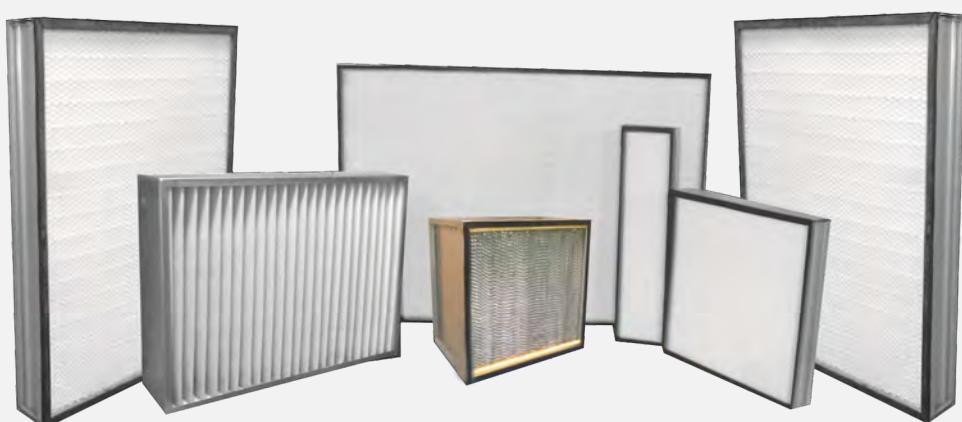
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Laboratory Animal Isolators



- PLC controlled Automatic Operation (Optional)
- Customized sizes and designs

Pre-Filters & HEPA Filters (Minipleat & Std., including for High Temperature Application)





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Engineered Solutions for Airborne Contamination Control®

Modular Cleanroom Partition Systems

Wall / Ceiling Panels, Doors & Accessories

MOC : HPL (High Pressure Laminate), PCGI & SS





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Modular Cleanroom Partition Systems



Single skin (HPL) ceiling panels & wall cladding





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Turnkey Projects Cleanrooms & Associated Controlled Environ





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Engineered Solutions for Airborne Contamination Control®

Cleanroom Equipment & Modular Panels under assembly





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Testing & Qualification



Velocity Measurements

HEPA Filters' Leak Test

Particle Count Monitoring

Smoke Test for Air Flow Visualization

Recovery Test for Cleanrooms



We are proud to be associated with



and many others....



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contamination control solutions pvt ltd

suntec techno centre

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