



Sterile Tech India

ensuring technology...

(An ISO 9001 : 2015 Certified Company)

FOOD PROCESSING



BIO - TECHNOLOGY



RESEARCH & DEVELOPMENT



PHARMACEUTICALS



MEDICAL & HEALTHCARE



AEROSPACE



> EQUIPMENTS

- › Laminar Airflow Unit
- › Ceiling Laminar Airflow
- › Pressure Module
- › Fan Filter Unit
- › Terminal Module
- › Powder Sampling Booth
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> CLEAN ROOM

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- › EDS-Work Table
- › Chemical storage Cabinet
- › Medical Sink Table

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Laminar Airflow Equipments

Sterile Tech™ Laminar flow cabinet deliver a higher level of product protection for work in progress. Ergonomic design reduces user fatigue and improves process accuracy. You can Customize a laminar flow hood to meet your research application or clean room requirements.

FUNCTION: Ambient air first passes through a Pre-filter which traps the larger dust and dirt particles. The blower then directs this pre-filtered air, now under positive pressure, through HEPA (High Efficiency Particular Air) having efficiency rating as 99.99%, thus retaining all air borne particles of size 0.3 micron and larger. Double filtered air blow in laminar flow through the work area at designed velocity of 90 ft/min +/- 20%. Filter engulfing the entire work area with sterile, unidirectional ultra-clean air. It also washes away particles that may be generated by manipulations within the Flow.

Technical Specification:

Direction of flow	—● Horizontal / Vertical
Cleanliness	—● Class 100 as per US FED STD 209E (ISO 14644-1)
Velocity	—● 90FPM±20
Noise Level	—● 65db max
Power Supply	—● 230V, 1Ø, 50Hz
Particle Retention	—● 0.3 micron
Supply filter	—● Mini pleat type HEPA Filter efficiency 99.99% Down to 0.3µ H-14 Rating.
Pre Filter	—● Non woven synthetic media, 10 micron
Blower Assembly	—● Centrifugal Blower statically and dynamically balanced with Suitable Rating

Working Size (L x D x H)		2' x 2' x 2'	3' x 2' x 2'	4' x 2' x 2'	6' x 2' x 2'
STERILE TECH™ Model Number	Horizontal	SHL 222	SHL 322	SHL 422	SHL 622
	Vertical	SVL 222	SVL 322	SVL 422	SVL 622

HORIZONTAL



VERTICAL



STERILE TECH™

Ceiling Laminar Airflow

Ceiling Suspended Laminar Air Flow is used for Operation Theatre applications, Pharma filling & packing line etc. CLAF provides ultra clean sterile HEPA filtered CLASS 100 air in a remote area where the exceedingly responsive progression activities are carried-out. CLAF equipped with Minipleat HEPA with dynamically balanced ultra-low noise blowers for optimum airflow or connected to AHU, Differential pressure monitoring carried through MAGNEHELIC Gauge.

The cabinet will be hang from the ceiling using rope. Access for servicing the pre filters, blowers or replacing HEPA filters will be provided from the bottom side of the unit. Side screens, made of clear flexible PVC curtain are provided for a height of about 600 mm from the HEPA filter level.

Technical Specification:

Cleanliness	—● Class 100 as per US FED STD 209E (ISO 14644-1)
Velocity	—● 90FPM±20
Noise Level	—● 65db max
Power Supply	—● 230V, 1Ø, 50Hz
Particle Retention	—● 0.3 micron
Supply filter	—● Mini pleat type HEPA Filter efficiency 99.99% Down to 0.3µ H-14 Rating.
Pre Filter	—● Non woven synthetic media, 10 micron
Motor	—● Centrifugal Blower statically and
Blower Assembly	dynamically balanced with Suitable Rating



STERILE TECH™ Model No.	SCL 42	SCL 44	SCL 64	SCL 84	SCL 86
Working Size (L x W)	4' X 2'	4' X 4'	6' X 4'	8' X 4'	8' X 6'

Pressure Module

Positive Pressure Module is designed to provide clean air in a small enclosure. These modules through filtered dust-free air to built-up and maintain positive pressure in the sterile area. The positive pressure effect caused by the module ensures that the air movement is always outside and prevents entry of contaminated air inside the sterile area.

Technical Specification:

Cleanliness	—● Class 100 as per US FED STD 209E (ISO 14644-1)
Velocity	—● 90FPM±20
Noise Level	—● 65db max
Power Supply	—● 230V, 1Ø, 50Hz
Particle Retention	—● 0.3 micron
Supply filter	—● Mini pleat type HEPA Filter efficiency 99.99% Down to 0.3µ H-14 Rating.
Pre Filter	—● Non woven synthetic media, 10 micron
Motor	—● Centrifugal Blower statically and
Blower Assembly	dynamically balanced with Suitable Rating



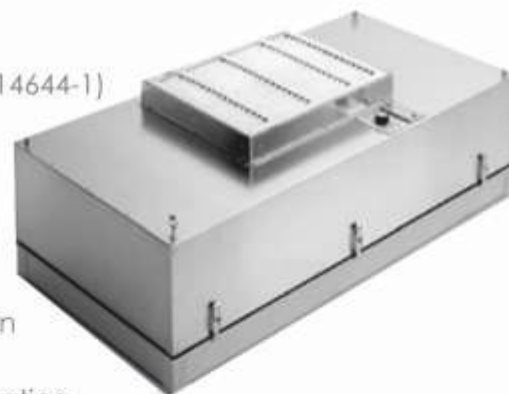
STERILE TECH™ Model No.	SPM 250	SPM 500	SPM 750	SPM 1000
Capacity in CFM	250 CFM	500 CFM	750 CFM	1000 CFM

Fan Filter Unit

A fan filter unit (FFU) is type of air filtering equipment. It is used to supply purified air to clean rooms or micro environments by filtering out harmful airborne particles from recirculating air. The units are installed within the system's ceiling. Large clean room require a proportionally large number of FFUs, Units often contain their own pre-filter, HEPA filter and internally controllable fan air distribution.

Technical Specification:

Cleanliness	● Class 100 as per US FED STD 209E (ISO 14644-1)
Velocity	● 90FPM±20
Noise Level	● 65db max
Power Supply	● 230V, 1Ø, 50Hz
Particle Retention	● 0.3 micron
Supply filter	● Mini pleat type HEPA Filter efficiency 99.99% Down to 0.3µ H-14 Rating.
Pre Filter	● Non woven synthetic media, 10 micron
Motor Blower Assembly	● Centrifugal Blower statically and dynamically balanced with Suitable Rating



STERILE TECH™ Model No.	SFF 250	SFF 500	SFF 750	SFF 1000
Capacity in CFM	250 CFM	500 CFM	750 CFM	1000 CFM

Terminal Module

Terminal Module are used for various applications such as, over a packing and filling lines in the pharmaceutical industry, food processing industry, in the assembly line of precious engineering components, pre operative and post operative care of critically, patients and widely being used inside the OPERATION THEATRE during critical surgery etc.

CEILING SUSPENDED TERMINAL MODULE provides ultra clean sterile CLASS 100 clean air in an isolated area where various kinds of critical and highly sensitive process activities are carried out. CLAF is designed as per CLASS 5 OF ISO 14644-1 standards.



STERILE TECH™ Model No.	STM 42	STM 64	STM 66	STM 84	STM 86
Working Size (L x W)	4' X 2'	6' X 4'	6' X 6'	8' X 4'	8' X 6'

Types:

Powder Sampling Booth
Powder Dispensing Booth

Reverse laminar flow, powder sampling booths, powder dispensing booths (Also called powder containment booths) protects the operators from toxic chemicals / raw materials used for manufacturing of tablets, medicines, capsules etc from external contamination during the process of weighing or measuring. When the Booths is operating under normal conditions air is pulled through the main working chamber to exhaust grills, normally situated in the rear of the Booths, suppressing air-borne dust away from the operators breathing zone. Down flow Booths and Workstation provide a safe, controlled working environment and are called upon to carry out a wide range of operations.

Powder Sampling Booth

Working Size (L x D x H)	STERILE TECH™ Model No.
2' x 2' x 6'	SPS 226
3' x 2' x 6'	SPS 326
4' x 2' x 6'	SPS 426
4' x 3' x 6'	SPS 436

Technical Specification:

Cleanliness	—● Class 100 as per US FED STD 209E (ISO 14644-1)
Noise Level	—● 65dB on Scale 'A' ± 5
Velocity	—● 100 FPM ± 20%
Pressure Differential	—● 0-50 mm Magnehelic Gauge WG
Power Supply	—● 230V Single Phase, 50 Hz
Pre Filter	—● Non woven synthetic media, 5 micron
Front Elevation	—● PVC Curtain (clear)
Intermediate Filters	—● 3 micron & above, HDPE woven mesh, 9 mm Pressure Drop, Effcy 97%
HEPA Filters	—● – Pleat HEPA 99.99% efficiency @ 0.3 micron rating
Blower Assembly	—● Statically & dynamically balanced, single phase



Powder Dispensing Booth

STERILE TECH™ Model No.	SPD 446	SPD 646	SPD 666	SPD 866
Working Size (L x D x H)	4' X 4' X 6'	6' X 4' X 6'	6' X 6' X 6'	8' X 6' X 6'

Air Shower

Air Showers are self contained chambers installed at entrances to clean rooms and other controlled environments. They minimize particulate matter entering or exiting the clean space. Personnel and materials entering or exiting the controlled environment are "scrubbed" by high velocity HEPA-filtered air jets with velocities of 22-25m/s (6000-7000fpm). Contaminated air is then drawn through the base within the unit, filtered and recirculated.

Technical Specification:

Velocity	—● 22-25 m/s
Noise Level	—● 65db max
Power Supply	—● 230V, 1Ø, 50Hz/230V (1Ø) or 420V (3 Ø), 50Hz
Particle Retention	—● 0.3 micron
Supply filter	—● HEPA Filter efficiency 99.99% Down to 0.3µ H-14 Rating.
Pre Filter	—● Non woven synthetic media, 5 micron
Motor	—● Centrifugal Blower statically and dynamically balanced.
Blower Assembly	

STERILE TECH™ Model No.	SAS 336	SAS 636
Working Size (L x D x H)	3' X 3' X 6'	6' X 3' X 6'



Bio-Safety Cabinets

Sterile Tech™ Biological Safety Cabinets protect what are valuable providing personnel, product and/or environmental protection when looking to obtain optimum control over product quality while reducing the potential for exposure. Ergonomic Bio safety Cabinet design improves laboratory safety practices and process accuracy.

Technical Specification:

Cleanliness	—● Class 100 as per US FED STD 209E (ISO 14644-1)
Velocity	—● 90FPM±20
Noise Level	—● 65db max
Power Supply	—● 230V, 1Ø, 50Hz
Particle Retention	—● 0.3 micron
Supply filter	—● Mini pleat type HEPA Filter efficiency 99.99% Down to 0.3µ H-14 Rating.
Pre Filter	—● Non woven synthetic media, 10 micron
Motor Blower Assembly	—● Centrifugal Blower statically and dynamically balanced with Suitable Rating

STERILE TECH™ Model No.	SBS 322	SBS 422	SBS 622
Working Size (L x D x H)	3' X 2' X 2'	4' X 2' X 2'	6' X 2' X 2'

Biological Safety Cabinet Levels:

Class I, Bio Safety Cabinet
Class II, Type A1, Bio Safety Cabinet
Class II, Type A2, Bio Safety Cabinet
Class II, Type B1, Bio Safety Cabinet
Class II, Type B2, Bio Safety Cabinet
Class III, Bio Safety Cabinet

Class I, Bio Safety Cabinet

The Biological Safety Cabinet(BSC) provides personnel and environmental protection, but no product protection. It is similar in air movement to a chemical fume hood, but usually has a limited fixed work access opening and the exhaust air must be HEPA filtered, to protect the environment. The Class I BSC is designed for general microbiological research with low- and moderate-risk agents.



Class II, Type A1, Bio Safety Cabinet

The Class II Type A1 consists of the positively-pressurized contaminated plenum bordering the ambient environment, and therefore is less safer than the Class II Type A2 that has a negative pressure surrounding the positively pressurized contaminated plenum. In any unlikely event of a leakage on the positive plenum, the leaking aerosol will be pulled by the negative pressure back to the positive plenum, which prevents it from leaking out. On the grounds of safety, the Type A1 design is now considered obsolete. In the A2 cabinet, approximately 70% of air from the positive plenum is re-circulated as downflow.

Class II, Type A2, Bio Safety Cabinet

Sterile Tech™ Class II, Type A2 Biological Safety Cabinets 70% Recirculated / 30% Exhausted offer personnel, product, and environmental protection to obtain optimum control over product quality while reducing the potential for exposure of both product and personnel to airborne biological or particulate chemical agents in low to moderate risk-hazard research and drug preparation or product operations.



Class II, Type B1, Bio Safety Cabinet

Sterile Tech™ Class II, Type B1 Biological Safety Cabinets exhausts 70% /30% re - circulated of airflow. The B1 Bio safety Cabinet may be used for work treated with minute quantities of volatile toxic chemicals and trace amounts of radio nuclide's required as an adjunct to microbiological studies if work is done in the direct exhausted portion of the cabinet, or if the chemicals or radio nuclide's will not interfere with the work when re - circulated in the down flow air.



Class II, Type B2, Bio Safety Cabinet

Sterile Tech™ Class II, Type B2 Biological Safety Cabinets feature down flow air drawn from within the laboratory or outside air. No down flow air is drawn from the cabinet exhaust air. All down flow and inflow air is exhausted through a HEPA filter without re - circulation within the cabinet.

All contaminated ducts and plenums are maintained at negative pressure. The Type B2 Biological Safety Cabinet may be used for work with volatile toxic chemicals and radionuclide's as required as adjuncts to microbiological studies.



Class III, Bio Safety Cabinet

Sterile Tech™ Class III biohazard safety cabinets offer the highest level of product, operator and environmental protection from infectious/bio hazardous aerosols and are suitable for microbiological work with agents assigned to biological safety levels the Class III Bio safety Glove Box operates at a vacuum relative to the room with the service compartment under a slight vacuum.

Room air enters the cabinet through a pre-filter into the service compartment where it is drawn through an inlet HEPA filter. Air exits the inlet HEPA into the work zone through a distribution manifold to promote a uniform flushing of the work zone to constantly purge the interior of contaminants.

The contaminated air is drawn to the top of the work area where it is exhausted into the facility exhaust system. The interior of the cabinet is maintained at negative pressure by an optional motor blower or plant exhaust system.



Static Pass Box

Controlling the ingress of particulate contamination into Clean room and other controlled environments is paramount in order to maintain the integrity of products and processes. Personnel traffic is the most important factor which must be controlled. Pass Boxes and Transfer Hatches are an effective solution as they allow materials to be transferred into the controlled environment without actual personnel movement. They may also be used to protect the external environment from egress of contamination.



Technical Specification:

- Power Supply —● 230V, 1Ø, 50Hz
- Door lock system —● Electro Magnetic Interlocking Door

STERILE TECH™ Model No.	SPB 111(S)	SPB 222(S)	SPB 332(S)	SPB 442(S)
Working Size (W x H x D)	18"X18"X18"	24"X24"X24"	36"X36"X24"	48"X48"X24"

Dynamic Pass Box

Controlling the ingress of particulate contamination into Clean rooms and other controlled environments is paramount in order to maintain the integrity of products and processes. Personnel traffic is the most important factor which must be controlled. Pass Boxes and Transfer Hatches are an effective solution as they allow materials to be transferred into the controlled environment without actual personnel movement. They may also be used to protect the external environment from egress of contamination. Dynamic Pass Box allows operation in sterile and particle free conditions because the continuous flushing of the working area by a unidirectional and vertical and ultra filtered airflow, it assures a full product protection.

Technical Specification:

- Cleanliness —● Class 100, (ISO – 5)
- Standard —● FED 209E
- Velocity —● 90FPM±20
- Noise Level —● 65db max
- Power Supply —● 230V, 1Ø, 50Hz
- Particle Retention —● 0.3 micron
- Supply filter —● HEPA Filter efficiency 99.99% Down to 0.3µ
H-14 Rating
- Pre Filter —● Non woven synthetic media, 10 micron
- Motor —● Centrifugal Blower statically and dynamically balanced.
- Blower Assembly
- Door Lock System —● Electro Magnetic Interlocking Door



STERILE TECH™ Model No.	SPB 111(D)	SPB 222(D)	SPB 332(D)	SPB 442(D)
Working Size (W x H x D)	18"X18"X18"	24"X24"X24"	36"X36"X24"	48"X48"X24"

Clean Room

Soft Wall Clean Room

The Tent soft wall Clean room is the most economical approach and design for your Clean room needs. This design is commonly used in the microelectronics and medical mold injection industry as well as many others. The Tent's soft wall design allows it to be used as either a totally freestanding room or it can be used in combination with your existing walls and ceiling. Each room comes completely factory prefabricated for minimal on-site erection time and is totally self-contained with all components factory-finished



Modular Clean Room

Clean rooms are defined as specially constructed, environmentally controlled enclosed spaces with respect to airborne particulates, temperature, humidity, air pressure, airflow patterns, air motion, vibration, noise, viable (living) organisms, lighting and concentration of airborne particles is controlled to specified limits. So we need to control process of killing ultra fines airborne contaminants. The contaminations are generated by people, processes, facilities, and equipment. They must be continually removed from the air.

The level of air cleanliness in the room must be regulated by standards. The most frequently used standard is the ISO 14644. It is a document that establishes standard classes of air cleanliness in terms of airborne particulate levels in Clean rooms and clean zones. "Federal Standard 209E" defines a clean room as a room in which the concentration of airborne particles is controlled to specified limits.

Product Description us Follow: Laminar Airflow Unit | Wall and Ceiling panel
Clean room door | Peripheral Light | AHU and Condensing Unit | Electrical Control Board
Epoxy flooring | Validation and standards



Modular Operation Theatre / IVF

Modular Operating Theatres can effectively maintain desired sterilized environment with superior laminar air flow system and a perfect

working environment for any surgeon with zero contamination. We are Introducing as Total Turnkey Solution Provider for Modular Operation Theatre. Having well trained with hand so experience and thorough knowledge about the latest technology guidelines of NABH and ISO standard in Operation Theatre, we are highly capable in executing the projects to perfection as per the guidelines and schedules.



FEATURES

A continuous flow of highly filtered 'bacteria-free' air is reticulated under positive pressure into the operating Room; field and air contaminants generated during surgery are removed from the site.

DESCRIPTION

In an operating department for which the most integrated function is required, cleanliness must be kept and the safety of facilities, equipments and devices must be maintained any times. Furthermore, the working environment for medical staff such as doctors and nurses must be considered from the view point of human engineering. The modular operating theatre satisfying those conditions consists of wall, ceiling, and is capable of incorporating not only electrical equipment, medical gas system and lighting gears but all the necessary functions and equipments at need. In addition, . The most complex and challenging area of hospital construction is the operating department.

PRODUCT DESCRIPTION FOLLOWS

LAMINAR AIR FLOW

Laminar Air Flow means that the flow of air is continuous, steady and unidirectional, with the entire body of air in the room moving with a low uniform velocity in parallel planes. In rooms equipped with Laminar Flow Patterns, the idea is to have a steady its provide ultra clean sterile CLASS 100 clean air in an isolated area where various kinds of critical and highly sensitive process activities are carried out in as per CLASS 5 OF ISO 14644-1 standards. HEPA filters retention capacity of 0.3 micron at 99.99% efficiency with initial pressure drop at 12 mm WG.



VIEW WINDOW

The view window of specified size to be provide consisting of double insulated fixed glazing which is not less than 5mm thick toughened glass. Window frame to be powder coated GI frame of flush mounted with wall panelling.

Modular Partition

Sandwich panels for Cleanroom systems are designed according to the latest GMP norms. Our array of quality are Modular Wall Panels, Walk-able & Non-walk able ceiling Panels with in fill material of PUF, EPS and Rockwool. Each and every component of the systems is engineered & developed for easy installation and functioning. This whole system can be assembled and demounted with more ease



WALL PANEL partitions are a composite construction of two skin of PPGI or SS304 over an GI with powder coated frame work with a sealed and insulated interior. Standard panel dimensions are 1200x3000mm an overall thickness ranges of 100/80/60 mm. The self-supporting internal walls are constructed with an interior GI frame work. The Partition seams are sealed by silicone with a perfectly flush finishing. PUF insulation material is sandwiched between the two skin layers PPGI or SS304

CEILING PANEL are designed to fit within each other and suspended by threaded tension bars with adjustable turnbuckles fastened to the overhead support at fixed intervals, Standard Ceiling Panels are 60 mm thick and have a composite construction of two skins of PPGI or SS304 over an aluminium frame work with a sealed and insulated interior

Metal Door

Clean room Doors are available in galvanized iron with Powder Coated or SS304 with in filled material of Honeycomb, PUF and EPS. Our Clean room doors are extremely durable and are available in different models for Clean room, hospitals, and other special purposes. The said doors are available with a variety of options including double glazed toughen vision panels, hardware like imported hinges and total specialized metal frame for proper air tights and automatic door drop seal arrangements and locking mechanisms.



OTHER DESCRIPTION

- AHU and condensing unit
- OT control panel
- Epoxy flooring
- Peripheral LED
- WRITING BOARD
- X-RAY VIEWER
- Validations

Epoxy flooring



Clean Room & Modular Operation Theatre Accessories

Modular Clean room complete accessories supports your Clean room by providing control over contamination, static, microorganisms, humidity and other critical operating conditions. Regardless of your Clean room requirements, we provide a complete system and perform all installation to your production schedule.

Our accessories includes Aluminium Powder Coated /Anodized Covings, PVC Covings, coving corner pieces and Inner and outer 'L' flashing, Bottom supporting channel, centre suspension rod, 'C' clamp etc.



Modular partition

Sandwich panels for Clean room systems/Operation Theatres are designed according to the latest GMP/NABH/ISO norms. Our array of quality are Modular Wall Panels, Walk-able & Non-walk able ceiling Panels materials like PPGI/SS304 with in fill material of PUF, EPS and Rockwool. Each and every component of the systems is engineered & developed for easy installation and functioning. This whole system can be assembled and demounted with more ease



Validation

Validated Clean rooms are validated to a required class of cleanliness. The level of cleanliness chosen is driven by user requirements. Clean room classes are defined in ISO14644-1 Methods for evaluation and measurements for Certification are specified in Standards;

- US FED STD 209 E
- ISO 14644-1
- IEST- RP-CC-002-2

It calls out for the following tests.

1. Airborne particle count test
2. Airflow test
3. Air pressure differential test
4. Airflow direction test
5. Temperature test
6. Humidity test

Once certified to a particular class the Cleanroom factors are monitored to ensure that parameters have not drifted, or changed, and that the environment is under control.

CERTIFICATION SERVICES



Fume Hood

A Fume Hood / Fume Cup Board typically protect only the user, and are most commonly used in laboratories where hazardous or noxious chemicals are released during testing, research, development or teaching. They are also used in Industrial applications or other activities where hazardous or noxious vapours, gases or dusts are generated or released.

A fume hood is typically a large piece of equipment enclosing five sides of a work area, the bottom of which is most commonly located at a standing work height. Because one side (the front) of a fume hood is open to the room occupied by the user, and the air within the fume hood is potentially contaminated, the proper flow of air from the room into the hood is critical to its function.



STERILE TECH™ Model No.	SFH 322	SFH 422	SFH 533	SFH 633
Working Size (W x D x H)	3'X2'X2'	4'X2'X2'	5'X3'X3'	6'X3'X3'

STATIC GARMENT CABINET

Clean room garments can accumulate particulate contamination during storage and between laundry washes, which in turn may lead to lower product yields and increased product quality issues.

The garments storage cabinets are consist of UV Lamp for Sterilization, IR Lamp to maintain the temperature, Swing type glass doors. One side inner storage height will be divided into two / three numbers of storage cabinet for storing folded garments and other side full height space will be provided for hanging full length used garments.

The shoe rack will be provided at the bottom of the cubicle up to 300 mm height.



STERILE TECH™ Model No.	SGC 325(S)	SGC 425(S)	SGC 625(S)
Working Size (W x D x H)	3'X2'X5'	4'X2'X5'	6'X2'X5'

DYNAMIC GARMENT CABINET

Sterile Tech™ Garments Storage Cabinet having HEPA-filtered vertical airflow, which is discharged to the storage area, creates an ultra-clean work environment at inside to minimize the cross contamination.

STERILE TECH™ Model No.	SGC 325(D)	SGC 425(D)	SGC 625(D)
Working Size (W x D x H)	3'X2'X5'	4'X2'X5'	6'X2'X5'

Laboratory Furniture

Side Wall Table

Immense years of discriminating design and fabrication of "Side Wall Table" in a variety of designs and shapes according to customer's requirement, each modules and foot rest change as per our customer's wish.

General Specification

- Tables are provided with Top Drawer and Bottom Cupboard
- With removable shelf and shutter mounted on imported SS spring loaded hinges.
- The handles are of SS material.
- The Drawers and Shutters are provided with locks.
- Table top made from finely polished round edged granite of 8mm ply support
- Doors and drawer front panels are double-skin construction
- Slide rails will be of telescopic type with ball bearing movements for smooth sliding
- Bottom support stand / floor levelling for all the storage modules



Instrumentation Table

Pretty good span of experience in design and pleasing of "Instrument table" in a variety of designs and shapes

according to customer requirements. Workbench can be available in various knee gap or continuous modular type.

Door mounted on imported SS spring loaded hinges and the handles with SS material. The Drawers and Shutters are provided with locks. The working top will be made of High quality Black Granite. The granite edges are half round finished for smooth handling and fatigue free arm-resting.



Island Table

Vast experience in aesthetic design and exquisite fabrication of "Island table" in a variety of designs and shapes according to customer

requirements. Workbench can be available in various knee gap or continuous modular type. The material of construction will be Galvanized Iron (GI) Sheet of suitable thickness.

We provide provision for a sink unit PP / SS / ceramic Sinks with Swan neck taps, re-agent shelves / racks dimension considered customer needs, gas and water valves and suitable electrical arrangements along with services as per customer's requirements. The modules are fabricated in such a way that they can be fitted either to the pedestal system based on the comfort level and according to customer's requirement. The modules having two parts, top drawer and bottom with single/dual door with removable selves.



Anti-Vibration Table

The anti-vibration table is designed for use in the laboratory or metrology room to provide suitable working conditions for devices that are sensitive to vibrations and shocks. The table comprises two separate parts – An Top working surface consisting of a large granite slab mounted on rubber shock absorbing mounts. A bottom steel frame with MS powder coated.

Application: For highly sensitive instruments like Electronic Balance.

General Specification

- Supporting stand and cross frames made up on MS Square Tube with powder coated/stainless steel frame.
- Floor Contact Surfaces Specially designed anti- vibration rubber pads shall be fixed, which acts as dampers to minimize the vibrations.
- The bench top should be made of finely polished black granite with half rounded edges with thickness 18mm (+/-1 mm) /stainless steel material



ESD-Work Table

Leading technology and electronics manufactures require ESD Work table designed to help reduce harmful discharges from reaching vulnerable parts and assemblies.

Part of the overall solution is to have an ESD workbench designed with the proper grounding to dissipate any static-charge away from the user and product you're producing or testing.

Our custom ESD workbenches are designed to withstand the toughest of environments, allow total flexibility for future upgrades and meet your organization's ESD Workbench needs



Chemical Storage Cabinet

The storage cabinet is ideal to store Toxic laboratory solvents & chemicals inside the laboratories. P. P. trays are provided for long life of shelves. Doors provided with 4mm carbonate sheet/ Safety , In some of the critical chemical application, Exhaust port on top along with blower been provided& their size can be altered as per Requirement. Floor-standing Chemical storage cabinets are made from Suitable thick pre-treated galvanized iron sheets with PU coated finish. The storage cabinets are provided with inner horizontal partitions as our customer requirements.



Types of Cabinets

1. Static storage cabinet
2. Dynamic storage cabinet

Sterile Tech™ Dynamic Storage Cabinet having HEPA-filtered vertical airflow, which is discharged to the storage area, creates an ultra-clean work environment at inside to minimize the cross contamination.

Medical Sink Table

The Top working surface consisting of SS304 grade/granite top and supporting bottom frame will be MS square tube with under

the modular strong cabinets consisting bottom cupboards with Removable horizontal partition.

Optional -The bench top should be made of finely polished half rounded edged granite of 18mm thickness which is attached PP/SS Ceramic Sink of two way swan neck taps.

Doors are double panel design.

Utility access clearance provided for ease of plumbing installation.





The Personal Touch of Our Customer Service

Until you are ready to place your next order with us, we do not consider our job done.

@ STI, you can always find friendly & knowledgeable experts who ready to communicate with you and willing to handle any of your concerns at anytime at anywhere.



Sterile Tech
ensuring technology



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