

# SAI TECHNOLOGY



## MANUFACTURER OF LAB & HOSPITAL INSTRUMENT

*Specially designed for all your specialized needs*

# Company's Profile

We, **Sai Technology** was established in the year 2006. We are Manufacturer and Exporter of Horizontal Rectangular Autoclave, Vertical Autoclave, Humidity Cabinet, B.O.D Incubator, Egg Incubator, Vibration Incubator, Chicken Incubator, Deep Freezer, Blood Bank Refrigerator, Lyophilizer (Freeze Dryer), Chiller Panel, Mortuary Chamber, Vacuum Oven, Hot Air Oven Muffle Furnace etc. **Sai Technology** is a well-equipped establishment with all the facilities for designing and manufacturing. Scientific and laboratory instruments to the national and international standard employing a team of quality Engineers and manufactures quality product for most demanding application. The company growth is testimony to its competence.

We have successfully catered the needs of over many of well renowned institutions in India; we serve more than 200 customers in government, corporate and private sectors. The dedicated and cumulative efforts of **SAI** members has produced and delivered the comprehensive range of scientific instruments, Hospital instruments and laboratory products.

Owing to a world class product range that aligns with application needs of multiple laboratories, today, we have etched formidable business footmarks in our domain and secured goodwill and trust of clients spread across all category of laboratories like Pharmaceutical, R & D and quality control, Pathology, Microbiology and other laboratories in Medical College and Hospitals, Science teaching Under Graduates /P.G. Colleges, National Laboratories, Test houses and in industries like Pharmaceutical, Bulk Drugs, Tablet, Chemical, and Paint Industries.

Incepted in the year 2006 , **Sai Technology** is regarded among the prominent manufacturers of an extensive array of Steam Sterilizer, Modular OT, CSSD Equipment's, Clean Room Equipment's, Personnel Air Shower, Bio Safety Cabinet, Blood Bank Refrigerator, Carbon Incubator, Deep Freezer, Fume Hood and many more. The complete range is developed in global quality standards using highest quality raw materials and sophisticated techniques. Moreover, the offered products are carefully tested by our quality experts.

Under the supervision of our mentor, **Mr. Abhishek Singh(CEO)**, we have been able to achieve highest level of client satisfaction.



WEBSITE:- <https://www.saihospitalequipments.in/>  
<http://www.sailabequipments.in/>  
<http://www.sailabinstruments.in/>  
<http://www.saiclave.com/>



# About Us

Where technology meets precision

We, **Sai Technology** was established in the year 2006. We are Manufacturer and Exporter of Horizontal Rectangular Autoclave, Vertical Autoclave, Humidity Cabinet, B.O.D Incubator, Egg Incubator, Vibration Incubator, Chicken Incubator, Deep Freezer, Blood Bank Refrigerator, Lyophilizer (Freeze Dryer), Chiller Panel, Mortuary Chamber, Vacuum Oven, Hot Air Oven Muffle Furnace etc. **Sai Technology** is a well-equipped establishment with all the facilities for designing and manufacturing. Scientific and laboratory instruments to the national and international standard employing a team of quality Engineers and manufactures quality product for most demanding application. The company growth is testimony to its competence.



## Our Vision

The continuous cooperation and support of our professional team has helped us to understand and deliver state of the art scientific instruments right from basic lab equipment to most sophisticated instruments for research labs. We believe that our tremendous success belongs to our expert engineers, managers, co-workers and other significant team members who have put their best efforts in the growth of the organization. It is their dedication and commitment that makes us the most trusted scientific instruments brand among our all satisfied clients.

With the help of our SAI team we are able to provide the best after sale service to our valuable customers in any part of the country which help us to meet the maximum customer satisfaction and give us a long term relationship with them.



## Our Team

Owing to a world class product range that aligns with application needs of multiple laboratories, today, we have etched formidable business footmarks in our domain and secured goodwill and trust of clients spread across all category of laboratories like Pharmaceutical, R & D and quality control, Pathology, Microbiology and other laboratories in Medical College and Hospitals, Science teaching Under Graduates /P.G. Colleges, National Laboratories, Test houses and in industries like Pharmaceutical, Bulk Drugs, Tablet, Chemical, and Paint Industries.



## Our Approach



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# Our Services

Our Core Area Of Expertize



## Autoclave

Sai Technology is the power of technology, We offer Autoclave Horizontal Cylindrical Autoclave (Sai-202), Horizontal Rectangular Autoclave, Vertical Autoclave Semi Automatic (Sai-202), Vertical Autoclave Fully automatic (Sai-202)

## Hospital Equipment

We are leading manufacturer of Hospital Equipment from New Delhi, India, like ETO gas sterilizer, dead body freezer box and so on.



## Clean Air Equipment

Pioneers in the industry, we offer Bio Safety Cabinet, Dynamic Pass Box, Static Pass Box, Fume Hood, Dispensing Booth and Biosafety Cabinet Class III from India.

## Laboratory Equipment

We are instrumental in offering Laboratory Equipment to our clients. This equipment is provided from supreme grade basic material at our well-equipped production unit in conformity to the international standards of quality.

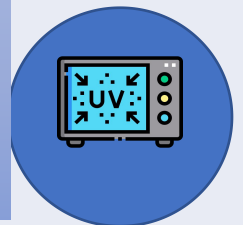


## Steam Sterilizer

We are leading manufacturer of Steam Sterilizer from New Delhi, India

## Hot Air Oven

Providing you the best range of Hot Air Oven SAI-HAO-28, Hot Air Oven SAI-HAO-45, Hot Air Oven SAI-HAO-95, Hot Air Oven SAI-HAO-125, Hot Air Oven SAI-HAO-224 and Hot Air Oven SAI-HAO-350 with effective & timely delivery.



*and many more.....*



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# Hospital Furnitures

We feel pleasure in introducing ourselves as one of the leading manufacturers of medical furniture in India. We started our manufacturing activities more than two decades ago. Over years, we have established ourselves as the Leading manufacturer of quality medical furniture and Medical Equipments.



## State Of The Art Manufacturing Facilities

Our manufacturing facilities are spread across a sprawling expanse of about 4000 sq. meter housing modern, state of the art manufacturing systems and warehousing facilities. Our manufacturing unit is well equipped with all essential modern machineries including, Hydraulic press, Automatic tube bending, latest CO2 and Argon welding equipment etc. Our state-of-the art, in-house Chemical pretreatment process includes De-rusting, Activation, Phosphating, various Water rinses, and Oven drying followed by Powder coating and Oven baking processes. These processing plants are well maintained with controlled quality parameters and well equipped in-house testing facilities in place, which reciprocates our quality assurance.



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# ICU BEDS

## • Electric I.C.U Bed 5 Function SAI-ICU-01

- Mattress area divided into 4 sections made up of CRCASheet.
- Detachable polymer moulded head and foot bows provide a soothing look.
- Provided with 4 sectional polymer moulded safety side rails Optional separate angle indicators.
- Provided with SS IV pole along with 4 IV locations
- Provided with heavy duty saline stand with provision for fixing it at all four locations
- Castors of 125 mm dia. Diagonally lockable.
- Back rest, Knee rest, Trendelenburg / Reverse Trendelenburg, High – Low and one touch zero level (CPR) position maneuverable by 4 separate actuator operated by handheld remote.

Dimension in mm	2030 L x 1060 W x 450-750 H
Knee Rest Tilt	0 - 35 Degree
Trendelenburg	0 - 75 Degree
Back Rest Tilt	0-12 Degree



Dimension in mm	2030 L x 900 W x 550-750 H
Knee Rest Tilt	0 - 35 Degree
Trendelenburg	0 - 75 Degree
Back Rest Tilt	0-12 Degree

## • Mechanical I.C.U. Bed 5 Function With ABS head and Foot Boards and ABS Side Rails SAI-ICU-02

- Mattress area divided into 4 sections made up of CRCASheet.
- Detachable polymer moulded head and foot bows provide a soothing look.
- Provided with SS IV pole along with 4 IV locations
- Split type 4 section polymer molded safety side rails with separate angle indicator.
- Castors of 125 mm dia. With diagonal locking are provided for mobility with control.
- The complete metal components are pretreated, and epoxy powder coated.
- Back rest, Knee rest maneuverable by 2 separate handles at foot end.



# ICU BEDS

- **Mechanical I.C.U. Bed 5 Function with ABS head foot Bows and Collapsible Side Rails SAI-ICU-03**
- Mattress area divided into 4 sections made up of CRCA Sheet.
- Detachable SS Panel With Laminated head and foot bows provide a soothing look.
- Provided with SS IV pole along with 4 IV locations
- Drop Type Stainless steel Side Rails.
- Castors of 125 mm dia. With diagonal locking are provided for mobility with control.
- The complete metal components are pretreated and epoxy powder coated.
- Back rest, Knee rest Trendelenburg/Reverse Trendelenburg, High - Low Positions maneuverable by 4 separate foldable handles at the foot end.

Dimension in mm	2030 L x 1060 W x 450-750 H
Knee Rest Tilt	0 - 35 Degree
Trendelenburg	0 - 75 Degree
Back Rest Tilt	0-12 Degree



Dimension in mm	2030 L x 1060 W x 450-750 H
Knee Rest Tilt	0 - 35 Degree
Trendelenburg	0 - 75 Degree
Back Rest Tilt	0-12 Degree



- **Mechanical I.C.U. Bed 5 Function With Wooden Panels SS Bows and Drop Type SS Rails SAI-ICU-04**
- Mattress area divided into 4 sections made up of CRCA Sheet.
- Detachable SS Panel With Laminated head and foot bows provide a soothing look.
- Provided with SS IV pole along with 4 IV locations
- Drop Type Stainless steel Side Rails.
- Castors of 125 mm dia. With diagonal locking are provided for mobility with control.
- The complete metal components are pretreated and epoxy powder coated.
- Back rest, Knee rest, Trendelenburg/Reverse Trendelenburg, High - Low Positions maneuverable by 4 separate foldable handles at the foot end.



Dimension in mm	2030 L x 1060 W x 450-750 H
Knee Rest Tilt	0 - 35 Degree
Back Rest Tilt	0-12 Degree

- **Mechanical I.C.U. Bed 3 Function with ABS head and foot bows and Collapsible Rails SAI-ICU-05**
- Mattress area divided into 4 sections made up of CRCA Sheet.
- Detachable SS Panel With Laminated head and foot bows provide a soothing look.
- Provided with SS IV pole along with 4 IV locations
- Drop Type Stainless steel Side Rails.
- Castors of 125 mm dia. With diagonal locking are provided for mobility with control.
- The complete metal components are pre treated and epoxy powder coated.
- Back rest, Knee rest, High - Low Positions maneuverable by 3 separate foldable handles at the foot end.

## Ward-Care Semi-Fowler Beds

- **Semi Fowler Bed with ABS Head and Foot Boards and Collapsible Rails SAI-SFB-01**

- Mechanically operated by smooth crank system.
- Adjustable back rest, operated smoothly by foldable screw handle from foot end .
- Two-sectional Uniformly Perforated CRCA Sheet Top.
- Superior-quality ABS plastic head panel and foot panel Collapsible SS side railing.
- Four locations on bed frame for telescopic IV pole.
- Mounted on 125mm dia. fully-covered noiseless casters.
- Pre-treated and Epoxy Powder Coated.
- Overall Approx Size: 190L x 90W x 80H cm.



- **Semi Fowler Bed with ABS Head and Foot Boards SAI-SFB-02**
- Mechanically operated by smooth crank system.
- Adjustable back rest, operated smoothly by foldable screw handle from foot end.
- Two-sectional Uniformly Perforated CRCA Sheet Top.
- Superior-quality ABS plastic head panel and foot panel .
- Four locations on bed frame for telescopic IV pole .
- Mounted on PVC Stumps.
- Pre-treated and Epoxy Powder Coated..
- Overall Approx Size: 190L x 90W x 80H cm.

## Ward-Care Semi-Fowler Beds

- **Semi Fowler Bed with SS Bows and Laminated Panels SAI-SFB-03**

- Mechanically operated by smooth crank system
- Adjustable back rest, operated smoothly by screw handle from foot end
- Two-sectional Uniformly Perforated CRCA Sheet Top
- S.S. head and foot bows fitted with wooden laminated panels
- Two locations on bed frame for telescopic IV pole
- Mounted on protective PVC stumps
- Pre-treated and Epoxy Powder Coated
- Optional: Drop-type M.S. / S.S. side railing
- Overall Approx Size: 190L x 90W x 80H cm



- **Semi Fowler Bed Standard SAI-SFB-04**

- Mechanically operated by smooth crank system
- Adjustable back rest, operated smoothly by screw handle from foot end
- Epoxy coated rectangular CRCA frame
- Two-sectional Uniformly Perforated CRCA Sheet Top
- Two locations on bed frame for telescopic IV pole
- Mounted on protective PVC stumps
- Pre-treated and Epoxy Powder Coated
- Overall Approx Size: 190L x 90W x 80H cm



## Ward-Care Full-Fowler Beds

- **Full Fowler Bed with ABS Panels and ABS Railing SAI-FB-01**
- Hospital Fowler Beds made of high-quality materials, components and accessories.
- Hospital Fowler Beds has four section sheet metal top.
- Hospital Fowler Beds with adjustable back section and knee-rest.
- Manually operated crank system for various positions.
- High quality castors.
- Standard dimension: Bed frame 2030mmL x 900 mm W x 600 mm H



- **Full Fowler Bed with ABS Panels and Collapsible Rails SAI-FB-02**
- Mattress area divided into 4 sections made up of CRCAM.S Sheet.
- ABS head and foot bows are locked and provide a soothing look Provided with Collapsible Rails.
- Corner PU buffers absorb impact and reduce damage in handling.
- Saline stand provision on four locations.
- Castors of 125mm dia. With diagonal locking are provided for mobility with control.
- The complete metal components are pretreated, and epoxy powder coated.
- Back rest, Knee rest maneuverable by 2 separate handles at foot end.

- **Full Folwer Bed With ABS Panels SAI-FB-03**

- Mattress area divided into 4 sections made up of CRCAM.S Sheet.
- ABS head and foot bows are locked and provide a soothing look.
- Saline stand provision on four locations.
- Castors of 125mm dia. With diagonal locking are provided for mobility with control.
- The complete metal components are pretreated, and epoxy powder coated.
- Back rest, Knee rest maneuverable by 2 separate handles at foot end.



- **Full Folwer Bed With SS Bows and Laminated Panels SAI-FB-04**

- Mattress area divided into 4 sections made up of CRCAM.S Sheet.
- ABS head and foot bows are locked and provide a soothing look.
- Saline stand provision on four locations.
- Castors of 125mm dia. With diagonal locking are provided for mobility with control.
- The complete metal components are pretreated, and epoxy powder coated.
- Back rest, Knee rest maneuverable by 2 separate handles at foot end.

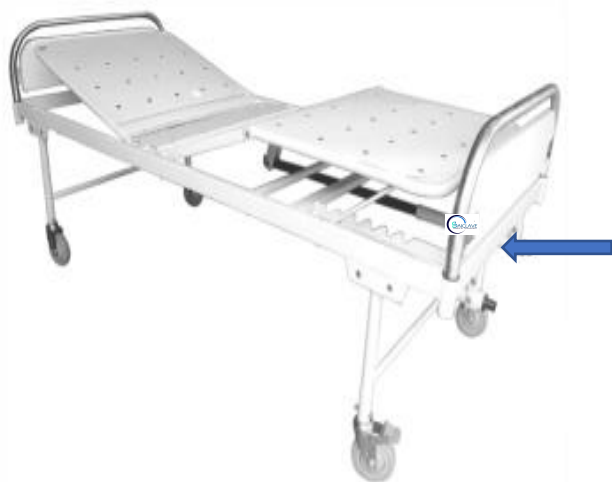
- **Hospital Plain Bed with ABS Head and Foot Boards SAI-GB-01**

- Frame made of rectangular CRCA pipes.
- Bed top made of CRCA perforated sheet.
- Head and foot bows uneven in height with vertical tube supports provided with mattress guard.
- Provision for fixing IV/Saline Stand.
- The complete metal components are pretreated, and epoxy powder coated.
- Overall Approx Size: 185L x 90W x 80H cm



- **Hospital Plain Bed with ABS Head and Foot Boards SAI-GB-02**

- Frame made of rectangular CRCA pipes.
- Bed top made of CRCA perforated sheet.
- Head and foot bows uneven in height with vertical tube supports provided with mattress guard.
- Provision for fixing IV/Saline Stand.
- The complete metal components are pretreated, and epoxy powder coated.
- Overall Approx Size: 185L x 90W x 80H cm





### • **Hospital Plain Bed SAI-GB-03**

- Frame made of rectangular CRCA pipes. Bed top made of CRCA perforated sheet.
- Head and foot bows uneven in height with vertical tube supports provided with mattress guard.
- Provision for fixing IV/Saline Stand.
- The complete metal components are pre treated and epoxy powder coated.
- Overall Approx Size: 180L x 90W x 80H cm



### • **Hospital Pediatric Bed SAI-PB-01**

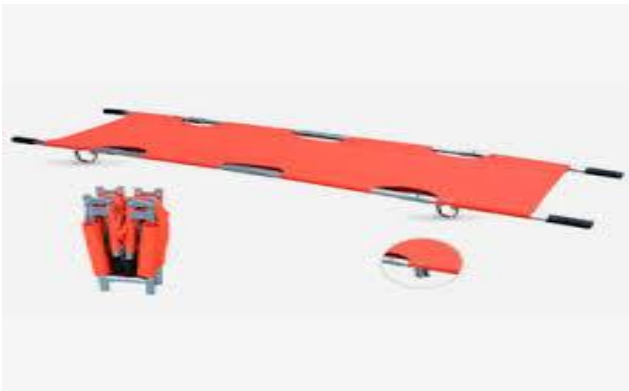
- Frame made of CRCA rectangular tubes.
- Bed top made of CRCA perforated sheet.
- Head and foot bows made of CRCA pipes with vertical tube supports.
- Drop down/swing downside railing made of CRCA pipe
- Pre-Treated and Epoxy Powder Coated.
- Overall Approx Size: 145L x 65W x 60H cm

## Patient Transfer Solutions

- **HYDRAULIC SAI-ERT-01**
- Height adjustable by foot-operated hydraulic pump from 65-95 cm
- Two-section removable X-ray translucent top
- Backrest raised on ratchet
- Trendelenburg/Reverse Trendelenburg positions assisted by gas spring
- Four heavy duty swivel casters of 125 mm dia.two with brakes
- Pre-treated and epoxy powder coated
- Provided with Safety side railings, IV rod, Oxygen cylinder cage and storage tray for holding x-ray cassettes
- Overall Approx Size: 210L x 65W x 65-95H cm (Height Adjustable)



- **STRETCHER ON TROLLEY DELUXE /STRAIGHT SAI-PT-01**
- Stretcher on Trolley Deluxe with Cylinder cage, IV Provision, Tray and Drop Type Railing
- Framework of rectangular CRCA / mild steel tubes
- Mounted on protective 6" PU Castors
- Powder coated CRCA sheet top/Stainless Steel Top
- Pre-treated and epoxy powder coated
- Provided with Cylinder Cage, Utility Tray and Iv Provision along with Iv rod
- Stainless Steel Safety Rails are Also provided
- Overall Approx Size: 180L x 60W x 60H cm



**Emergency Stretcher – 4-fold**  
**Overall Size : 215x55x14cm**



**Emergency Stretcher – 2-fold**  
**Overall Size : 215x55x14cm**



# Examination Solutions

- **Examination Couch SAI-EC-01**

- Overall approx. dimension: 1830 mm L x 575mm W x 850 mm H
- Mild steel tubular framework Drawer and cabinet having locks
- Plain mild steel CRCA sheet top
- Foam mattress covered with Rexene
- Built-in Writing Board and Single Step Stool
- Legs fitted with rubber shoes
- Pretreated and powder coated finish



- **Examination Couch Deluxe SAI-EC-02**

- Overall approx. dimension: 1875 mm L x 640mm W x 850 mm H
- Tabletop approx. dimension: 1875 mm L x 575 mm W
- Construction made from mild steel CRCA tubes and sheets
- Two section mild steel CRCA sheet top
- Headrest adjustable on gas spring
- Three drawers with locks
- Three cabinets with one having lock
- Complete with B.P. apparatus tray, Foam mattress covered with Rexene and Built-in Step Stool Pretreated, and powder coated finish.



- **Gynae Examination Couch SAI-EC-03**

- Overall approx. dimension: 1875 mm L x 640 mm W x 850 mm H
- Tabletop approx. dimension: 1875 mm L x 575 mm W
- Construction made from mild steel CRCA tubes and sheets
- Two section mild steel CRCA sheet top
- Headrest adjustable on gas spring
- Three drawers with locks
- Perineal U cut , Provided with Lithotomy Rods and Straps
- Three cabinets with one having lock
- Complete with B.P. apparatus tray, Foam Mattress covered with rexine and Built-in Step Stool
- Pretreated and powder coated finish



# Examination Table

- **Examination Table 2 Section SAI-ET-01**

- Overall approx. dimension: 1840 mm L x 740 mm W x 810 mm H
- Mild steel tubular framework
- Two section mild steel CRCA sheet top
- Headrest raised on ratchet
- Foam mattress covered with Rexene
- Legs fitted with rubber shoes
- Pretreated and powder coated finish 40
- Overall Size: 1840 mm L x 740 mm W x 810 mm H



- **Examination Table Plain SAI-ET-02**



- **Gynae Examination Table 2Section SAI-ET-03**

- Overall approx. dimension: 1840 mm L x 740 mm W x 810mm H
- Mild steel tubular framework
- Two section mild steel CRCA sheet top with "U" cut
- Headrest raised on ratchet
- Single Step Stool, SS Lithotomy Rods with straps and ,Legs fitted with rubber shoes
- Pretreated and powder coated finish



## Ward Care Solutions- Bed Side Lockers

- **Bed Side Locker Standard SAI-BSL-01**

- Machine pressed sheet box with door of heavy gauge
- Assembled to CRC tubular legs of 2.5cms dia. •
- Stainless steel polished top
- Mounted on protective PVC Stumps
- Pre-treated and epoxy powder coated
- Overall Approx Size: 40L x 40W x 80H cm



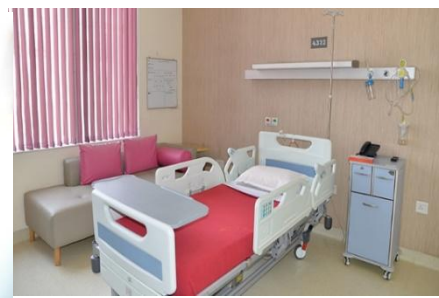
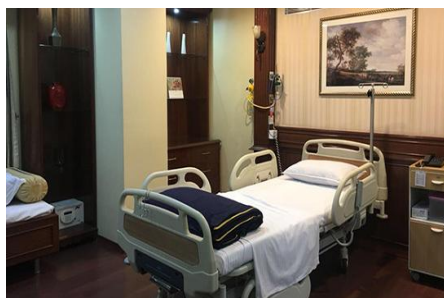
- **Bed Side Locker Superior SAI-BSL-03**

- Bed Side Locker Deluxe SAI-BSL-04
- Machine pressed sheet box with door of heavy gauge
- Provided with Drawer Arrangement
- Assembled to CRC tubular legs of 2.5cms dia.
- Stainless steel polished top
- Mounted on protective PVC Stumps
- Pre-treated and epoxy powder coated
- Overall Approx Size: 40L x 40W x 80H cm



- **Bed Side Locker Deluxe/Unique SAI-BSL-04**

- Mock cabinet and drawer made from mild steel CRCA sheet
- Stainless steel top with raised edge on three sides
- Cabinet door with magnetic catcher
- Mounted on four castors 50 mm dia, two with brake
- Pretreated and powder coated finish
- Overall approx. dimension 40L x 40W X 80H





## Ward Care Solutions

- **Infusion Stand SAI-IS-01**
- Stainless Steel tubular pipe
- Double hook S.S. adjustable IV rod with a Bakelite knob
- Five-legged heavy Stainless Steel base mounted on 5 cms castors
- Also available in epoxy coated mild steel framework



- **Foot Step Double-Single SAI-FS-01/SAI-FS-02**
- Overall approx. height: 255 mm / 490 mm
- Overall approx. dimension: 455 mm L x 595 mm W
- Mild steel tubular framework
- Mild steel top fitted with aluminum tread flats
- Legs fitted with rubber shoes
- Pretreated and powder coated finish
- Single Foot Step Overall approx. height: 280 mm
- Overall approx. dimension: 455 mm L x 325 mm W

- **Multi-Purpose Stool SAI-WCS-06**
- Overall approx. dimension: 335 mm L x 335 mm W x 445 mm H
- Stainless steel top approx. dimension: 280 mm L x 280 mm W
- Mild steel framework with legs fitted with PVC bush



- **Revolving Stool SAI-WCS-7**
- M.S. tubular four legs fitted with PVC stumps
- Foot ring supports
- S.S. top through screw
- Pre-treated and epoxy powder coated

## Ward Care Solutions- Food Table

- **food table fixed height SAI-IS-01**
- Frame work of round CRCA tubes
- Mounted on 50mm swiveling noiseless casters
- Fixed with Stainless Steel Top
- Pre-treated and epoxy powder coated
- Overall approx. dimension: 1065 mm L x 460 mm W x 1030 mm H



- **Food Table Fixed Height SAI-FT-02**
- Frame work of round CRCA tubes
- Mounted on 50mm swiveling noiseless casters
- Fixed with Laminated Ply Top
- Pre-treated and epoxy powder coated
- Overall approx. dimension: 1065 mm L x 460 mm W x 1030 mm H



- **Food Table Adjustable SAI-FT-03**
- Frame work of rectangular CRC / mild steel tubes
- Mounted on 50mm noiseless swiveling casters
- Fixed with wooden laminated top
- Height adjustable by Bakelite knob
- Pre-treated and epoxy powder coated



- **Food Table Adjustable SAI-FT-04**
- Frame work of rectangular CRC
- Mounted on 50mm swiveling noiseless casters
- Fixed with wooden laminated top
- Height adjustable by gear mechanism
- Pre-treated and epoxy powder coated



- **Food Table Adjustable SAI-FT-05**
- Frame work of rectangular CRC / mild steel tubes
- Mounted on 50mm swiveling noiseless casters
- Fixed with wooden laminated top
- Height adjustable by Gas Spring
- Pre-treated and epoxy powder coated

# Ward Care Solutions

- **Baby Cradle SAI-WCS-01**
- Overall approx. dimension: 850 mm L x 570 mm W X 835 mm H
- crib made from mild steel tubes, rods and perforated sheet
- Crib swings on two vertical tubes
- Mild steel tubular trolley fitted with PVC Stumps
- Pretreated and powder coated finish



- **Baby Bassinet SAI-WCS-02**
- CRCA/Stainless steel structure
- Pushing handle
- Removable and anatomic laminated
- Plastic Basket
- Mounted on of 80mm dia Castors
- Dimensions: 80x48x85Hcm

- **Solid Linen Trolley SAI-WCS-03**
- Overall approx. dimension: Size: 800 × 530 × 900 mm
- CRCA/Stainless steel tubular framework
- our heavy duty castors 100 mm dia, without brake
- Supplied with one bag of synthetic material



- **Solid Linen Trolley SAI-WCS-04**
- CRCA/SS framework mounted on 10cm castors.
- Provided with superior quality plastic bucket.
- Push handle for ease of handling.

- **Waste Segregation Trolley SAI-WCS-05**
- CRCA/SS framework mounted on 10cm castors.
- Provided with Multi Colour Biomedical Bins





## Ward Care Solutions

- **Medicine trolley SAI-MT-01**

- Two SS shelves with three sides railing on top self and 4 side railing in lower self.
- Two drawers under each self.
- All metal components are pretreated and epoxy powder coated.
- Dimensions 760LX 460W X 810H
- Framework is made up of CRCA tubes.



- **Bed Side Screen 3 Fold/4 Fold SAI-BSC-01**

- Size : H 168 xW244 cms.
- Frame work made of ERW tubular pipe.
- Supplied with spring wire and curtains.
- Pre-treated and epoxy powder coated.
- Knockdown construction.



- **Attendant Bed SAI-AB-01**

- Overall approx. dimension (with mattress) : 1830 mm
- L x 610 mm W x 545 mm H
- Framework made from mild steel tubes
- Plain uniformly perforated mild steel CRCA sheet top & "H" type tubular legs fitted with rubber bush
- Supplied with approx. 75 mm thick mattress
- Pretreated and powder coated finish
- Framework is made up of CRCA tubes.



## MODEL:-SAICLAVE T1 HYDRAULIC SURGICAL OT TABLE



The table use for built -in elevator kidney bridge support kidney or gynaecology surgery efficiently.

### Suitable for :

- General Surgery
- Urology Surgery
- Gynecology
- Laparoscopy

### Standard Accessories :

- Anesthetic Screen
- Shoulder Supports with pad
- Arm Boards with pad
- Lateral support with pad
- knee Crutches
- Water Proof Rubber Matteress

### Salient Features

- Centric Pillars
- Stainless Fitting
- Detachable, Head, Leg
- Four Sectional
- Base & Cover Made of Attractive Easy to clean Stainless Steel
- Sophisticated Mechanics Provide Smooth, Step less articulation of the table top for precise patient positioning.
- Press Paddle for Height Adjustment
- Concealed Pump.



### Technical Specification

Length of Table	:	1910 mm
Width of Table Top	:	522 mm
Height (Min-Max.)	:	750-1000 mm
Trendelenburg (Rev.)	:	25°
Lateral Tilt	:	±20°
Back Section	:	±60°
Head Section	:	±60°
Leg Section	:	0°-90°
Floor Locking System	:	Manual

## MODEL:-SAICLAVE T2

## C-ARM COMPATIBLE ELECTRIC 4 FUNCTION OT TABLE



### Features :

• Resistant against thermal • Long service life • Rigid construction. • Electric table position system height up/ height down, trendelenburg/reverse, trendelenburg, Right-left lateral tilt arm easy to use, reflex and flex position and integrated with the operation table.

### Suitable for :

- General Surgery
- Vascular Surgery
- Cardiac Surgery
- Neurology Surgery
- Urology Surgery
- Gynecology
- Laparoscopy
- Plastic Surgery

### Standard Accessories :

- Anesthetic Screen
- Shoulder Supports with pad
- Arm Boards with pad
- Lateral support with pad
- knee Crutches
- Water Proof Rubber Mattress

### Technical Specification

Length of Table	:	1910 mm
Width of Table Top	:	522 mm
Height (Min-Max.)	:	750-1000 mm
Trendelenburg (Rev.)	:	25°
Lateral Tilt	:	±20°
Back Section	:	±60°
Head Section	:	±60°
Leg Section	:	0°-90°
Floor Locking System	:	Manual
Battery Backup	:	Optional

**STEEL QUALITY 304 MEDICAL GRADE STAINLESS STEEL**



## MODEL:-SAICLAVE T3 C-ARM COMPATIBLE HYDRAULIC OT TABLE



### Salient Features :

- Eccentric Pillars • Stainless Fitting • Detachable, Head, Leg & Pelvic Section • Four Sectional Radio-Translucent Top
- Base & Cover Made of Attractive Easy to clean Stainless Steel • Sophisticated Mechanics Provide Smooth, Step less articulation of the table top for precise patient positioning. • Press Paddle for Height Adjustment • Concealed Pump • In Built Kidney Bridge.

### Suitable for :

- General Surgery
- Vascular Surgery
- Cardiac Surgery
- Neurology Surgery
- Urology Surgery
- Gynecology
- Laparoscopy
- Plastic Surgery

### Standard Accessories :

- Anesthetic Screen
- Shoulder Supports with pad
- Arm Boards with pad
- Lateral support with pad
- knee Crutches
- Water Proof Rubber Mattress

### Technical Specification

Length of Table	:	1910 mm
Width of Table Top	:	522 mm
Height (Min-Max.)	:	750-1000 mm
Trendelenburg (Rev.)	:	25°
Lateral Tilt	:	±20°
Back Section	:	±60°
Head Section	:	±60°
Leg Section	:	0°-90°
Floor Locking System	:	Manual
Battery Backup	:	Optional

**STEEL QUALITY 304 MEDICAL GRADE STAINLESS STEEL**

## MODEL:-SAICLAVE T4 C-ARM COMPATIBLE SEMI ELECTRIC OT TABLE



### Salient Features :

• Electric Up-down by Cable Remote • Eccentric Pillars • Stainless Fitting • Detachable, Head, Leg & Pelvic Section • Four Sectional Radio-Translucent Top • Base & Cover Made of Attractive Easy to clean Stainless Steel • Sophisticated Mechanics Provide Smooth, Step less articulation of the table top for precise patient positioning. • Use Remote for Height Adjustment • In Built Kidney Bridge.

### Suitable for :

- General Surgery
- Vascular Surgery
- Cardiac Surgery
- Neurology Surgery
- Urology Surgery
- Gynecology
- Laparoscopy
- Plastic Surgery

### Standard Accessories :

- Anesthetic Screen
- Shoulder Supports with pad
- Arm Boards with pad
- Lateral support with pad
- knee Crutches
- Water Proof Rubber Matteress

### Technical Specification

Length of Table	:	1910 mm
Width of Table Top	:	522 mm
Height (Min-Max.)	:	750-1000 mm
Trendelenburg (Rev.)	:	25°
Lateral Tilt	:	±20°
Back Section	:	±60°
Head Section	:	±60°
Leg Section	:	0°-90°
Floor Locking System	:	Manual

**STEEL QUALITY 304 MEDICAL GRADE STAINLESS STEEL**



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<http://www.sailabinstruments.in/>  
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# OT-TABLE

## MODEL:-SAICLAVE T5

## C-ARM COMPATIBLE FULL ELECTRIC 5 FUNCTION OT TABLE



### Salient Features :

• Eccentric Pillars • Stainless Fitting • Detachable, Head, Leg & Pelvic Section • Four Sectional Radio-Translucent Top • Base & Cover Made of Attractive Easy to clean Stainless Steel • Sophisticated Mechanics Provide Smooth, Step less articulation of the table top for precise patient positioning.

### Suitable for :

- General Surgery
- Vascular Surgery
- Cardiac Surgery
- Neurology Surgery
- Urology Surgery
- Gynecology
- Laparoscopy
- Plastic Surgery

### Standard Accessories :

- Anesthetic Screen
- Shoulder Supports with pad
- Arm Boards with pad
- Lateral support with pad
- knee Crutches
- Water Proof Rubber Mattress

### Technical Specification

Length of Table	:	1910 mm
Width of Table Top	:	522 mm
Height (Min-Max.)	:	750-1000 mm
Trendelenburg (Rev.)	:	25°
Lateral Tilt	:	±20°
Back Section	:	±60°
Head Section	:	±60°
Leg Section	:	0°-90°



ADDITIONAL CONTROL PANEL



MEMORY FUNCTION



ZERO POSITION



AUTOFLOOR LOCKING

STEEL QUALITY 304 MEDICAL GRADE STAINLESS STEEL



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## MODEL:-SAICLAVE T6

### TOP SLIDE C-ARM COMPATIBLE FULL ELECTRIC OT TABLE



**THIS FULL ELECTRIC TOP SLIDE.** O.T Table is suitable for all kind of surgeries i.e. general surgery, cascular surgery, cardio, neurology, urology, gynecology, proctology, laparoscopy, traumatic surgery, plastic surgery and others. The base & column of the table is made of high quality medical stainless steel (Grade - 304). Non-reflecting surface, antibacterial & easy to clean. We provide with a top sliding of 5 inch back/forward. Height adjustment, Lateral Tilts, Trendelenburg, and Flex - Reflex, Chair Position and Longitudinal Sliding top are realize by Remote control.

#### Suitable for :

- General Surgery
- Vascular Surgery
- Cardiac Surgery
- Neurology Surgery
- Urology Surgery
- Gynecology
- Laparoscopy
- Plastic Surgery

#### Standard Accessories :

- Anesthetic Screen
- Shoulder Supports with pad
- Arm Boards with pad
- Lateral support with pad
- knee Crutches
- Water Proof Rubber Matteress

#### Technical Specification

Length of Table	:	1910 mm
Width of Table Top	:	522 mm
Height (Min-Max.)	:	750-1000 mm
Trendelenburg (Rev.)	:	25°
Lateral Tilt	:	±20°
Back Section	:	±60°
Head Section	:	±60°
Leg Section	:	0°-90°
Floor Locking System	:	Remote
Top Slide	:	8" Reverse & 8" Forward



ADDITIONAL CONTROL PANEL



MEMORY FUNCTION



ZERO POSITION



AUTOFLOOR LOCKING

**STEEL QUALITY 304 MEDICAL GRADE STAINLESS STEEL**



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# OT-LIGHT



## SAICLAVE PARI' 48+48 ALU

Lux Power Intensity	: 1,60,000 + 1,60,000
Color Rendering Index	: 95
Number of led	: 48 + 48
Size of light field.	: 12-30 cm
Colour Temp.	: 4000-5000k
Dimming	: 10%--100%
LED Average Life	: >50000 Hrs
Power Supply	: 220V/50Hz, 60Hz AC drive by 24v DC
Focusing	: Adjustable By Handle

**LED MAKE: OSRAM**

## SAICLAVE PARI' 48 ALU.



## SAICLAVE PARI' M 48 ALU.



**YELLOW AND WHITE LED COMBINATION**



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# OT-LIGHT



## SAICLAVE PARI' 80 ALU

Lux Power Intensity	: 2,00,000 + 2,00,000
Color Rendering Index	: 95
Number of led	: 80 + 80
Size of light field.	: 12-30 cm
Colour Temp.	: 4000-5000k
Dimming	: 10%---100%
LED Average Life	: >50000 Hrs
Power Supply	: 220V/50Hz, 60Hz AC drive by 24v DC
Focusing	: Adjustable focus

**LED MAKE: OSRAM**

## SAICLAVE PARI' 80 ALU.



## SAICLAVE PARI' M 80 ALU.



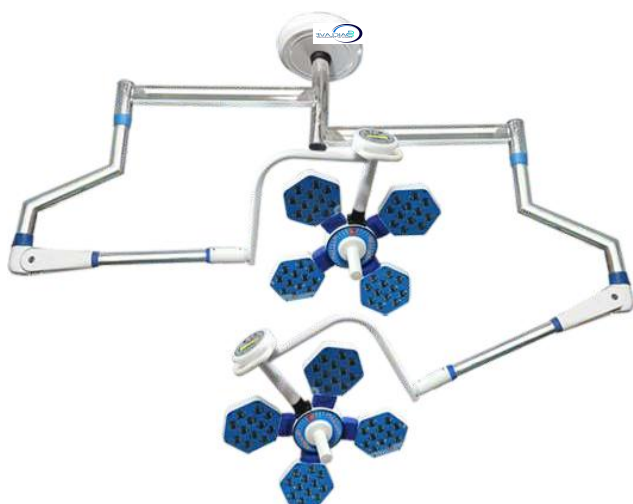
**YELLOW AND WHITE LED COMBINATION**



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# OT-LIGHT



## SAICLAVE CT' 4+4 HEX HD

Lux Power Intensity	: 160000+160000/-
Color Rendering Index	: 95
Number of led	: 48 + 48
Size of light field.	: 10 - 25mm
Colour Temp.	: 3500-5200K
Dimming	: 10%—100%
LED Average Life	: >50000 Hrs
Power Supply	: 220V/50Hz, 60Hz AC drive by 24v DC
Focusing	: Adjustable By Handle

**LED MAKE: OSRAM**

## SAICLAVE CT' 4 HEX HD



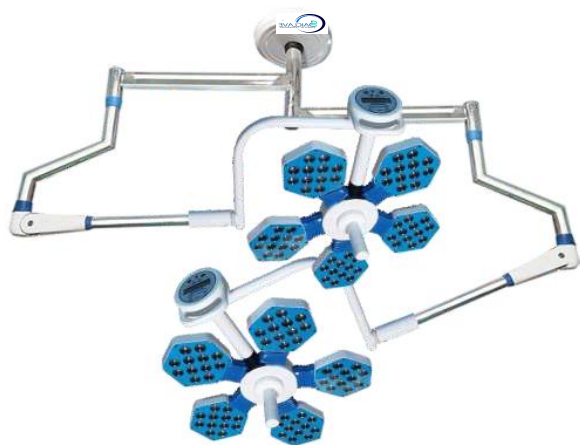
## SAICLAVE CT' M 4 HEX HD



**YELLOW AND WHITE LED COMBINATION**



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## SAICLAVE CT' 5+5 HEX HD

Lux Power Intensity	: 1,80,000 + 1,80,000
Color Rendering Index	: 95
Number of led	: 60 + 60
Size of light field.	: 10 - 25mm
Colour Temp.	: 3500-5200K
Dimming	: 10%---100%
LED Average Life	: >50000 Hrs
Power Supply	: 220V/50Hz, 60Hz AC drive by 24v DC
Focusing	: Adjustable By Handle

**LED MAKE: OSRAM**

## SAICLAVE CT' 5 HEX HD

## SAICLAVE CT' M 5 HEX HD



**YELLOW AND WHITE LED COMBINATION**

- **Monitor Trolley SAI-MT-1**
- Overall approx. dimension: Five shelves approx. dimension: 610 mm L x 510 mm D
- Electrical panel board having eight sockets and switches
- Oxygen Cylinder Holder - MS powder coated
- Four heavy duty castors 125 mm dia, two with brake
- Pretreated and powder coated finish
- Drawer approx. dimension: 600 mm L x 450 mm D
- Construction made from mild steel tubes and sheets
- Overall Size 930 mm L x 650 mm D x 1500 mm H



- **Mayo's Instrument Trolley SAI-MIT-01**
- Overall approx. dimension: 550 mm L x 500 mm W
- SS Tray approx. dimension: 550 mm L x 415 mm W
- Stainless steel tubular framework
- Four castors 50 mm dia, without brake

- **Mayo's Instrument Trolley Height Adjustable By Gear SAI-MIT-02**
- Overall approx. dimension: 1315 mm L x 620 mm W
- Tray height adjustment with SS handle: 910 mm to 1215 mm (approx.)
- SS Tray approx. dimension: 1065 mm L x 610 mm W
- Framework made from MS and SS tubes
- Four heavy duty castors 125 mm dia, two with brake
- Pretreated and powder coated finish



## • **Crash Cart SAI-CC-01**

- Overall approx. dimension: 970 mm L x 500 mm W x 1630 mm H
- Stainless steel tubular framework and SS shelves/MS Frame work and SS Shelves
- Six removable plastic bins and two polystyrene lockable storage units with two drawers having containers of different sizes
- Four heavy duty castors 125 mm dia, two with brake
- Complete with four corner buffers, SS IV Rod, Cardiac massage board and Oxygen cylinder holder (MS)



## • **Instrument Trolley SAI-IT-01**

- Overall approx. dimension: 965 mm L x 460 mm W x 850 mm H
- Overall approx. dimension: 750 mm L x 460 mm W x 850 mm H
- Overall approx. dimension: 475 mm L x 610 mm W x 850 mm H
- Stainless steel tubular frame work
- Two SS shelves with three side railings on top shelf
- Four heavy duty castors 100 mm dia, two with brake

## • **Dressing Trolley SAI-DT-01**

- Overall approx. dimension: 1100 mm L x 460 mm W x 850 mm H
- Stainless steel tubular frame work
- Two SS shelves with three side railings on top shelf
- Four heavy duty castors 100 mm dia, two with brake





# TABLE-TOP AUTOCLAVE

## • Introduction—:

The Class B Autoclave is defined by Pre Sterilization Vacuum Cycle. The Class B is considered to be the highest class of autoclave and can be used to sterilize all loads including solids type hollow instruments, porous loads and wrapped instruments. All B types autoclaves must pass a Helix test as per standard EN 13060 outlined by EN 867-5:2001. This can only be achieved by use of a pre Sterilization Fraction Vacuum. Post Sterilization vacuum drying ensures complete drying of all loads after the sterilization process is complete.



## Description

1. All Body Made Of Stainless Steel
2. The Inner/ Outer chamber & Boiler are made of heavy gauge SS with leak proof ARC Welding.
3. The Space Between the outer chamber is filled with wool to minimize thermal losses.
4. Hydraulically tested to withstand 2.5 times the working pressure.
5. Steam Boiler is fitted with water level indicator , pressure gauge, low water cut off device.
6. An Automatic Vacuum breaker is fitted to all units as a standard accessory in order to break vacuum in case of steam condensation.
7. The Flanged immersion type heating element made from very high grade material provides fast formation of pressure in the system & are protected through a electric low water cut off device.
8. The chamber is fitted with spring loaded safety valve.
9. Sterilization temperature : 121 to 134 degree C .
10. Suitable to work on 220 volts, single phase and 50hz AC Supply.

## Technical Specification

1. Gasket made of joint less silicon rubber
2. Exhaust Pressure manual through the exhaust valve
3. Sterilizing pressure 1.2 to 1.5 kgf/cm<sup>2</sup> ( 15 to 20 psi) at 121 C
4. Operating pressure from 15 to 20 PSI
5. Pressure gauge 0.2.1kgf/cm<sup>2</sup>( 30psi)

## CONSTRUCTIONAL FEATURES

It is table top autoclave, Digital display sterilizing time and pressure and it has fully automatic micro-computer control system and has drying function. It can be used in hospitals, public healthy centers, health stations, clinics, scientific research institutes, university, laboratory and food sterilization, etc.

Model	SAI-TTA20	TS-TTA24
Volume	1Cufit	2Cufit
Chamber size	10"x18"	12"x22"
Working Temperature	121°C	121°C
Adjustment of Temperature	121°	121°C
Timer	0-99 Minutes	0-99 Minutes
Heat Average	=± 1°C	=± 1°



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# Steam Sterilizer Horizontal Cylindrical

## • Introduction—:

Our **horizontal Steam Sterilizer** are widely used in various bulk laboratories/Hospital for their day to day studies on scale sterilization procedures where they give dryness of the sterilized medium a paramount importance and for that our sterilized media is prone to various microbacterial and viral infections. Having a specialization in customers' requirements we have an expert team of making both standard and customized models.



DELUXE MODEL



## Sailent features

- \* Cylindrical design triple walled horizontal autoclave mounted on a sturdy, heavy M.S. duly painted tubular stand
- \* Inner chamber, door lid, jacket, boiler & outer jacket cover made of SS 304
- \* Steam is generated in a separate boiler which is placed below the main body.
- \* Lid is provided with Pressure locking system which prevents opening of the door while Steam is inside the chamber.
- \* Single hinged door and manual radial locking system made of mild steel nickel coated
- \* Industrial grade energy efficient heaters reduce power bills drastically
- \* Gap between Jacket and outer cover wall is filled with high grade fiber/mineral glass wool insulation
- \* Fitted with pressure gauge for jacket, compound gauge for chamber, spring loaded safety valve and steam release valve.
- \* Automatic Vacuum Breaker is provided to break the vacuum in case of formation of vacuum due to steam condensation.
- \* Automatic Pressure Control Switch for additional safety. When steam pressure inside jacket reaches 18 to 20 psi it automatically cuts off electric supply to heater.
- \* Automatic Low Water Level cut-off device fitted for general safety of the element.
- \* Digital PID temperature indicator cum controller - Controller has LED display which displays set value and process value. It has inbuilt automatic digital minute timer which starts automatically when set/desired value of temperature is achieved. When the set time period is over heaters get switched off automatically with alarm for cycle end.
- \* Manually operated multiport valve having 4 positions is provided for Steam injection inside the chamber, dry sterilization & steam exhaust.
- \* For ensuring proper sealing of the door with the chamber and zero leakage a high tensile joint less Silicon gasket is used which is seated in an integrated groove
- \* SS Baffle plate for effective steam distribution and avoid direct hitting of steam on sample load
- \* Validation port provided
- \* Chamber Condensate Line is incorporated with steam trap for perfect condensation to get optimum temperature
- \* Fitted with plug screen to prevent line choking due to sediment discharge
- \* SS bottom plate in chamber to avoid the load from coming in contact with condensate
- \* Autoclave is fitted with water level indicator glass gauge and easily replaceable heaters
- \* Chamber and jacket is made of 14 SWG
- \* Hydraulically tested at 40psi 2.5 times the operating pressure of autoclave.
- \* Small sized autoclave works on 230V single phase power supply and big size works efficiently on 440V three phase power supply

Model	Inner dimension	Capacity(ltr.)	heater load	sterilization Temp. & Pressure	Operation Pressure
SAI-SSHC-75	16" x 24"	75	6 kW	1.2 Kg/cm2 (15-18psi) at 121°C	From 10 psi to 20 psi
SAI-SSHC-100	18" x 24"	100	6 kW		
SAI-SSHC-125	16" x 36"	125	9 kW		
SAI-SSHC-150	18" x 36"	150	12 kW		
SAI-SSHC-200	18" x 48"	200	12 kW		
SAI-SSHC-250	20" x 48"	250	12 kW		
SAI-SSHC-350	24" x 48"	350	18 kW		



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# Steam Sterilizer Horizontal Rectangular



**DELUXE MODEL**



Our product range includes a wide range of Steam Sterilizer Horizontal Rectangular SAI-SSHR-450, Rectangular Autoclave, Steam Sterilizer Horizontal Rectangular SAI SSHR 250, Steam Sterilizer Horizontal Rectangular SAI SSHR 350, Steam Sterilizer Horizontal Rectangular SAI SSHR 550 and Steam Sterilizer Horizontal Rectangular SAI SSHR 650.

## Sailent features

- \* Rectangular design triple walled horizontal autoclave mounted on a sturdy, heavy M.S. duly painted tubular stand
- \* Inner chamber, door lid, jacket, boiler & outer jacket cover made of SS 304 Chamber is rectangular in shape with crevice free smooth rounded corners
- \* Single hinged door and manual radial locking system
- \* Steam is generated in a separate boiler which is placed below the main body.
- \* Lid is made of S.S. plate provided with pressure locking system which prevents opening of the door while Steam is inside the chamber.
- \* Industrial grade energy efficient heaters reduce power bills drastically
- \* Gap between Jacket and outer cover wall is filled with high grade fiber/mineral glass wool insulation
- \* Fitted with pressure gauge for jacket, compound gauge for chamber, spring loaded safety valve and separate manual steam release ball valve for jacket and chamber.
- \* Automatic Vacuum Breaker is provided to break the vacuum in case of formation of vacuum due to steam condensation.
- \* Automatic Pressure Control Switch for over pressure safety. When steam pressure inside jacket reaches 18 to 20 psi it automatically cuts off electric supply to heater.
- \* Automatic Low Water Level Cut-off Device fitted for general safety of heating element.
- \* Digital PID temperature indicator cum controller - Controller has LCD display which displays set value and process value. It has inbuilt automatic digital minute Timer which starts automatically when set/desired value of temperature is achieved. When the set time period is over heaters get switched off automatically with alarm for cycle end.
- \* For ensuring proper sealing of the door with the chamber and zero leakage a high tensile joint less Silicon gasket is used which is seated in an integrated groove
- \* SS Baffle plate for effective steam distribution and avoid direct hitting of steam on sample load
- \* Validation port provided
- \* Chamber Condensate Line is incorporated with steam trap for perfect condensation to get optimum temperature
- \* Fitted with plug screen to prevent line choking due to sediment discharge
- \* Autoclave is fitted with water level indicator glass gauge and easily replaceable heaters
- \* Manually operated multiport valve having 4 positions is provided for Steam injection inside the chamber, dry sterilization & steam exhaust.
- \* Inner chamber & outer jacket is made of 14 SWG
- \* Hydraulically tested at 40psi 2.5 times the operating pressure of autoclave
- \* Small sized autoclave works on 230V single phase power supply and big size works efficiently on 440V three phase power supply



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# Steam Sterilizer Horizontal Rectangular

## construction

Robust and rugged all weld construction which is leakproof unlike riveted construction. Inner chamber is made of thick plate of Mild Steel of non magnetic stainless steel of 304/316 quality and jacket is made out of rolled steel. Sterilizers will have single door made out of rolled steel lined with S.S. sheet on both sides. All the sterilizers are hydraulically tested to withstand 2.5 times the working pressure. The steam jacket is lined on the outer side with asbestos sheet or glass wool which prevent heat losses due to radiation and is covered by strong rolled steel sheet.

## Boiler

Made of thick stainless steel plate suitably located under the sterilizer. High grade flanged type heating elements are fitted from front side for easy replacement/repair. Fitted with water gauge glass for water level, safety valve, water inlet and drain valves. It is also provided with Low Water Level cut off device. This device protects the heater in the generator from burning out dry. The steam pressure in the boiler is indicated on a individual pressure gauge.

## Safety lock for door

Every horizontal rectangular sterilizer is fitted with **SELF LOCKING SAFETY DOOR** which cannot be opened when the chamber is under pressure and Redial locking. The clutch mechanism automatically disengages the threads of the **Pressure locking** system for precluding any eventuality of accident when the chamber is under pressure. A heat resistant Neoprene Rubber gasket ensure steam tight fitting.

## Pressure control

Electrically operated "PIEZOSTAT" (Pressure Control Device) is incorporated in all electrically operated sterilizers. It economises power consumption and limits the use of release valve which would frequently blow steam into the room. It cuts off the power supply to heaters when the set pressure is achieved and re-energises heaters when pressure falls down.

## Sterilization

Complete sterilizing cycle is controlled from one point with the help of "Multi port valve" fitted at front top. Two speeds of exhaust are available for evacuating.

## Optional (Additional Features) :

- \* Fully Automatic Autoclave PID controller based- It consists of advance controller which operates the electronic solenoid valve (in lieu of multiport valve) for steam injection inside the chamber, dry sterilization & steam exhaust.
- \* Fully Automatic Autoclave PLC controller based- It consists of PLC controller with touch screen color display HMI. Controller automatically operates the electronic solenoid valve (in lieu of multiport valve) for steam injection inside the chamber, dry sterilization & steam exhaust. Factory set sterilization program, Data logging feature, Validation test program available.
- \* Digital pressure gauge with electronic transducer for digital display of chamber pressure.
- \* Automatic water feed system for filling of water into the steam generator (Available with Fully Automatic Autoclave PLC controlled)
- \* Upgradable up to 134°C and 30 – 32 psi sterilizing pressure
- \* Inner chamber, back plate, door lid made of SS 316 and frame, locking system made of SS 304
- \* Single or double drum made of SS 304
- \* Double Door machine for loading and unloading material
- \* SS 304 Trolley
- \* SS 304 or SS 316 carriage (As required)
- \* Vacuum pump and assembly for 90% to 95% dry sterilization result

**Note: Customized Solution Available On Request**

Model	Inner dimension	Capacity(ltr.)	heater load	sterilization Temp. & Pressure	Operation Pressure
SAI-SSHC-200	18" x 18" x 36"	200	12 kW	1.2 Kg/cm2 (15-18psi) at 121°C	From 10 psi to 22 psi
SAI-SSHC-250	18" x 24" x 36"	250	12 kW		
SAI-SSHC-350	24" x 24" x 36"	350	15 kW		
SAI-SSHC-450	24" x 24" x 48"	450	18 kW		
SAI-SSHC-550	24" x 24" x 60"	550	22 kW		
SAI-SSHC-650	24" x 24" x 72"	650	30 kW		
SAI-SSHC-800	30" x 30" x 60"	800	36 kW		



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# Steam Sterilizer Vertical



## □ Slient features

- Used for sterilization under saturated steam pressure at any selected point between 15 to 22 psi (adjustable), however this can be used for higher pressure up to 22 psi.
- Working temperature of 121 C.
- These double walled units have inner chamber (Boiler) made of stainless steel SS 304 / SS 316 grade (as per demand).
- Outer wall is covered with stainless steel sheet.
- Thick stainless steel lid is tightened by radial locking system and can be lifted through a pedal lifting device for user comfort
- Fitted with joint less neoprene rubber gasket.
- Systems are hydraulically tested up to 40 p.s.i. as a Safety Measure.
- All autoclaves are fitted with standard accessories such as water indicator / water level gauge, pressure gauge, steam release cock, spring loaded safety valve, Vacuum Breaker, pedal lifting device and heating element.
- Space between boiler and outer shell works as air insulation however we may incorporate mineral glass wool insulation if customer desires.
- Heating is done through specially designed water heaters of suitable wattage to ensure optimum sterilization time in every sterilization cycle.
- Supplied complete with S.S. basket, cord and plug.
- Supplied with cord and plug to work on 220/230 volts A.C Supply.
- Double Wall Construction

Model	SAI-SSV-20	SAI-SSV-40	SAI-SSV-50	SAI-SSV-85	SAI-SSV-100	SAI-SSV-150
Volume (Ltrs.)	20	40	50	85	100	150
Heater Load (KW)	1.5	2	3	4	5	6
Internal Dimension mm	250x450	300x550	350x550	400x600	450x600	450x900

## Steam Sterilizer Vertical (High Pressure)



### Sailent Features

- Used for sterilization under saturated steam pressure at any
- selected point between 15 to 22 psi (adjustable), however this can be used for higher pressure up to 22 psi.
- Working temperature of 121 C.
- These Triple walled units have inner chamber and (Boiler) made of stainless steel SS 304 / SS 316 grade (as per demand).
- Outer wall is covered with stainless steel sheet.
- Thick stainless steel lid is tightened by radial locking system and can be lifted through a pedal lifting device for user comfort
- Fitted with joint less neoprene rubber gasket.
- Systems are hydraulically tested up to 40 p.s.i. as a Safety Measure.
- All autoclaves are fitted with standard accessories such as water indicator / water level gauge, pressure gauge, steam release cock, spring loaded safety valve, Vacuum Breaker, pedal lifting device and heating element.
- Space between boiler and outer shell works as air insulation however we may incorporate mineral glass wool insulation if customer desires.
- Heating is done through specially designed water heaters of suitable wattage to ensure optimum sterilization time in every sterilization cycle.
- Supplied complete with S.S. basket, cord and plug.
- Supplied with cord and plug to work on 220/230 volts A.C Supply.

Model	SAI-SSV-HP 20	SAI-SSV HP- 40	SAI-SSV HP- 50	SAI-SSV HP- 85	SAI-SSV HP- 100	SAI-SSV HP- 150
Volume (Ltrs.)	20	40	50	85	100	150
Heater Load (KW)	1.5	2	3	4	5	6
Internal Dimension mm	250x450	300x550	350x550	400x600	450x600	450x900

# Surgical Scrub Station

## Product Description

We are engaged in providing a wide range of Surgical Scrub Sink to our clients. Our modular operating theaters are equipped with stainless steel surgical sinks.

We design and manufacture according to the layout plan of operating theaters.

Our manufactured Surgical Scrub Sinks are easy to maintain and durable.

## Product Specification

Material-Stainless Steel

Colour-SS

Grade-Automatic/Manual/Auto-Manual

Hight-1.2m

## SURGICAL SCRUB STATION / WASH BASIN



Model	SAI-SSS-1	SAI-SSS-1	SAI-SSS-2	SAI-SSS-2	SAI-SSS-2	SAI-SSS-2
TAP	1	1	2	2	3	3
Length in FT.	2	3	4	5	5	6

## OPTIONAL :-

- FOOT OPERATED
- HAND OPERATED
- KNEE OPERATED
- SENSOR OPERATED WITH TIMER
- SOAP DISPENSOR WITH SENSOR / WIHTOUT SENSOR



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# ETO Sterilizer

## SAILENT SPECIFICATIONS: -

- Manufactured as per GMP norms.
- Sterility assurance through automatic temperature control ( $\pm 3^{\circ}\text{C}$ ).
- Accurate control of temperature, moisture vacuum valves and all critical parameters.
- PLC based automation with 6 pre-programmed cycles & additional user defined cycles.
- Automatic aeration cycle at the end of process for ETO exhaust.
- Operates on universally available 100% ETO cartridge.
- Live display of phase status, current values, set values, temperature, pressure & humidity.
- Current & previous reports can be printed through external printer/ internal printer.



## Safety Features:

- ETO cartridge punctured only in negative pressure & humidity conditions.
- Chamber fabricated with heavy duty SS 304/ SS 316.
- Glass wool insulation.
- Password protection to avoid unauthorized access

Model	SAI-ETO-56	SAI-ETO-85	SAI-ETO-110	SAI-ETO-190	SAI-ETO-256	SAI-ETO-450
Volume Ltrs	56	85	110	190	256	450
Internal Dimension (Inch)	12X12X24	12X12X36	12X12X48	18X18X36	18X18X48	24X24X48



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## Telescopic Labour Table SAI-TLT-01

- Fully extended without mattress Strong stainless steel tubular framework/CRCA Frame Work
- Three section stainless steel table top
- Backrest raised on ratchet
- Middle section with perennial "U" cut
- Leg section can be telescoped under the main frame
- Trendelenburg and reverse Trendelenburg adjustments on screw with SS handle
- Removable SS head and side railings
- Complete with SS Bowl, SS Telescopic IV Rod, SS Hand grips, Padded Lithotomy Crutches (pair) and Single Step Stool (MS) Foam mattress covered with rexine .



**Overall Size 1950 mm L x 675 mm W x 790 mm H**



## Labour Table Standard SAI-LTS-01

- Overall approx. size : Overall Size 1950 mm L x 675 mm W x 790 mm H
- SS lithotomy bar made of 12mm dia.
- Waste collection bowl provided
- U- cut at foot end.
- Fully powder coated/Fully stainless steel
- Top SS & base powder coated

## SAI-OLT-01

- Stainless steel top in three sections.
- Backrest section adjustable on ratchet system.
- A pair of Lithotomy Rods with straps with height adjustable.
- Complete with self locking traction handle at side & I.V. Rod
- U- cut at foot end.
- Trendelenburg positions adjustable on screw mechanism by handle.



## *Furniture Mattress*

### **Mattress for Plain Bed**

- 100mm thick, 32 Density/ 40 density foam mattress covered with rexine closed with zip at one end.
- Single Section Mattress for plain beds.



### **Mattress for Semi Fowler Bed**

- 100mm thick, 32 Density/ 40 density foam mattress covered with rexine closed with zip at one end.
- Two Section Mattress for Semi Fowler beds.

### **Mattress for Full Fowler Bed/I.C.U Bed**

- 100mm thick, 32 Density/ 40 density foam mattress covered with rexine closed with zip at one end.
- Four Section Mattress for Full Fowler/I.C.U beds.



### **Mattress for Examination Table/Labour Table**

(Two Section/Single Section)

- 75mm thick, 32 Density/ 40 density foam mattress covered with rexine closed with zip at one end.
- Two Section/ Single Section Mattress for Examination Tables/Labour Tables.

# Warmer



Single Surface LED Phototherapy  
with Dual Time Totaliser



Single Surface LED Phototherapy  
with single Time Totaliser with Fiber Dome



Single Surface LED Phototherapy  
Plain



Double Surface LED Phototherapy  
with Dual Time Totaliser



Double Surface LED Phototherapy  
with single Time Totaliser with Fiber Dome



Double Surface LED Phototherapy  
Plain

# Warmer



Micro Processor Based Radiant Heat Warmer Skin/Manual in Jumbo Style



Micro Processor Based Radiant Heat Warmer Dual Sensor Air/Skin with Upgrade Timer



Micro Processor Based Radiant Heat Warmer Skin/Manual



Simple Radiant Heat Warmer Single Sensor



Simple Radiant Heat Warmer Dual Sensor



Micro Processor Based Radiant Heat Warmer Sensor Air/Skin Upgrade Timer in Jumbo Style



## Standard Blood Bank Refrigerator

The "SAI" RICH Quality Medical Refrigerator/ Blood Bank refrigerator is a specialized refrigerating equipment for cold storage of pharmaceuticals as well as biological products and so forth. It is suitable for hospitals, drugstore, pharmaceuticals factories, sanitation and antiepidemic stations and clinics.



### Precise temperature control

- \* Interior of chamber is stainless steel (SS-304).
- \* Inner and outer chamber both made of Stainless Steel (SS-304). Door, panel, base plate and top cover made of C.R.C. duly powder coated.
- \* Fitted with specially designed deviation alarm from the preset temperature, door open alarm and power failure alarm.
- \* STAINLESS STEEL BASKETS are provided for storage inside.
- \* Foamed - in - place CFC Free PUF insulation ensure temperature stability and reduced energy temperature.
- \* Stainless steel heavy duty basket ensures even temperature distribution
- \* Micro - controller controls the internal temperature between +2°C to +6°C with an accuracy of  $\pm 1^{\circ}\text{C}$ , for storing blood bottles or blood bags.
- \* The cooling is effected by a hermetically sealed CFC FREE ECO FRIENDLY COMPRESSOR.
- \* To work on 220/230 volts A.C

### Features:

Operating Temperature + 4°C  
Equipped with digital display electronic temperature controller, with an accuracy level of  $\pm 0.5^{\circ}\text{C}$

Drawer Capacity - Drawer  
Movement -  
Temperature -

Maximum 60 Bags in each drawer  
Adjustable and Extendable Pull Out Modular  
Drawers.  
Preset at 2°C - 8°C



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# B.O.D Incubator

## APPLICATIONS

“SAI” BOD Incubators are designed to meet incubation criteria required in bod analysis of water and wastewater samples, fermentation studies, plant and insect studies and bacterial culturing etc. Equipping with superior quality instruments, they deliver the performance, quality and reliability required by researchers and clinicians worldwide.



## Construction features

- \* Most suitable for experiments requiring low temperature conditions like micro-organism or activation, cell culture process of animals and plants, good storage and desalting process of enzyme extracts etc.
- \* With a solid double walled door, a full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- \* Excellent quality magnetic gum packing door gasket for external door.
- \* User- oriented design of shelves makes you adjust each space of shelves without difficulty.
- \* Forced air circulation at triple walled back by durable coaxial blower, maintains optimum temperature uniformity and homogeneity.
- \* High grade HIGH PRESSURE FOAMED IN-PLACE PUF INSULATION between outer and inner chamber for minimal thermal losses.
- \* Caster wheel mounted for easy portability.
- \* Front double walled door is provided with lock and key arrangement.
- \* Door operated illumination lamp is fitted inside the chamber for easy visibility.
- \* FINNED TUBE EVAPORATOR facilitates uniform and faster cooling effects.

## TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Type	: Forced Convection Type
Freezer Compressor	: Hermetically sealed air cooling compressor system
Temperature Range	: 5°C to 50°C (Resolution 0.1°C)
Accuracy	: $\pm 0.5^{\circ}\text{C}$
MOC Outer	: Powder coated CRC Steel Sheet
MOC Inner	: Chamber and trays made of Stainless Steel (SS-304)
SAFETY	: Over temperature limiter switch prevents over heating
Temperature Controller	: Microprocessor Based Digital Temperature Indicator cum Controller with LED display. for set value (SV) & Process Value (PV). OR Microprocessor based alphanumeric LCD Display Controller
Voltage Indicator	: Through a highly accurate digital voltmeter Optional.
High Voltage Protection	: Through automatic voltage stabilizer supplied with the unit Optional.
Electric Supply	: 220/230V AC, 50/60H.

With Microcontroller Digital Controller With LED Display



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## Personnel Air Shower both sides Flow

### APPLICATIONS

- \* Clean Room
- \* Pharma Production
- \* Micro-Electronic Fabrications and Production Units
- \* Semi-Conductor Production Lines



We are manufacturers of Air Showers in India since 1995. Our air showers/Clean Room Air Showers have a wide usage in all the clean rooms and various microbiology, biochemistry, bio technology and genetic engineering laboratories.

Our Clean Room Air Showers help solve the problem of decontamination from personnel entering into the clean rooms.

We specialize in Standard Air showers and Customized Clean Room Air Showers, specially designed to meet the challenging demands of various basic and applied science laboratories. Over a short period of time we have been established as a reliable Air Shower Exporters in India, catering to the vast markets in South East Asia, Middle East, Africa and Europe.

Apart from that we are also supplying our Clean Room Air Shower to a variety of customers in India ranging from Defense installations, research laboratories, educational institutes and various R & D laboratories of leading national and multi national companies.

Weiber offers energy efficient Material Handling Air Shower, Air Shower Personnel, Air Shower Tunnel To protect the clean room environment from unwanted contamination.

#### 1. Filter Assembly:

All our air shower are fitted with fully washable synthetic pre-filter units and secondary high efficiency perfect air filters made of mini pleated non woven fabric. The efficiency of our filters has a rating better than 99.99% at DOP (cold) and 99.97% at DOP (Hot). Our units have the capacity to hold all suspended particles of size greater Than 0.3 micron.

#### 2. Motor And Blower Assembly:

All our air shower are provided with perfectly balanced (Static as well as dynamic) motor and blower motors bearing ISI mark. The rating of the assembly is 1/5 HP. Our high efficiency pumps which have life long lubricated bearings ensure a trouble free operation for a long time.

#### 3. Noise Level:

\*Our air shower are designed to ensure that the work enclosure have minimum possible vibration levels and noise Level is also contained below 60 db.

- \* Ergonomic Design
- \* Versatile Usage
- \* Low Noise And Vibration Levels
- \* Conforms to US Federal Standards
- \* Calibration And Protocol Documentation
- \* Programmable operation



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# Bio Safety Cabinet



100 % air exhaust

Negative pressure air surrounding all biological contaminated parts

Class II, Type B2 cabinets are total exhaust cabinets, widely used in toxicology laboratories and similar applications where chemical effluent is present and clean air is essential.

There is no recirculation within the work area.

Room air enters through a blower/motor in the top of the cabinet and passes through a HEPA supply filter into the work area as the vertical unidirectional airflow.

Descending air is pulled through the base of the cabinet through the perforated front and rear grilles.

Simultaneously, air entering through the perforated front opening is pulled through the grille and exhausted immediately, 100% of the air is pulled into the facility exhaust system for appropriate treatment.

Type B2 cabinets are hard-connected to an exhaust system.

Negative pressure surrounds the work area with double wall plenums for protection.

Air drawn through pre-filter is made to pass through highly effective HEPA (High Efficiency Particulate Air) filters MAIN/SUPPLY FILTER having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP, thus retaining all air-borne particles of size 0.3 micron and larger. The highly efficient HEPA filter maintains the optimum cleanliness and purity. Being equipped with the prefilter, it can extend the life of HEPA filter.

Aerodynamic airflow grills maintain safety and prevent blockage.

U.V and fluorescent interlock available

Ergonomic and comfortable sloped front window for comfortable head and elbow rest position, thus reducing fatigue

Sash is counterbalanced for smooth and light weight operation with standard opening for easier access to work zone and enhanced user safety.

CLASS-II design ensures PERSONNEL, PRODUCT and ENVIRONMENT PROTECTION.

## TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	SAI-BSC-2(B2)	SAI-BSC-3(B2)	SAI-BSC-4(B2)	SAI-BSC-5(B2)	SAI-BSC-6(B2)
Internal Dimensions (WxDxH)mm	600x600x600	900x600x600	1200x600x600	1500x600x600	1780x600x600
MOC	Internal Working Chamber : Stainless steel (SS-304) Exterior Cabinet : Cold Rolled Steel Duly Powder Coated or Stainless Steel (SS-304)				
Pre-Filter	Mounted on aluminum frame, of rating 20 microns				
Supply / Main Filter	HEPA (Efficiency 99.97% @0.3 microns to meet air quality ISO Class 4 equivalent to US FED STD 209 E, Class 10)				
Exhaust Filter	HEPA (Efficiency 99.97% @0.3 microns to meet air quality ISO Class 4 equivalent to US FED STD 209 E, Class 10)				
Electrical Socket	Electrical Socket is provided for using small electrical devices				
Power Supply	220/230 Volts AC supply				
Heavy Duty Exhaust System	Standard fitted to the system for 100% exhaust				
Exhaust Tunnel/Duct (Option)	Available on per running feet basis				
Sash Lift	Can be lifted and adjusted manually				



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## Carbon Dioxide Incubator (CO Incubator)

### APPLICATIONS

We SAI are manufacturers of CO<sub>2</sub> incubators (Carbon Dioxide Incubators) in India. Our CO incubators are widely used in 2 various applications that require ideal conditions for tissue culture and maximum security from contaminations. Beside that they are also used for day to day photosynthesis tests and other general laboratory applications.



We specialize in both standard and customized models, specifically designed to meet the challenging demands of various scientists for individual and specialized research applications. Over a short period of time Weiber brand have been established as reliable exporters of CO<sub>2</sub> incubators (Carbon Di Oxide Incubators) in India, catering to the vast markets in South East Asia, Middle East, Africa and Europe.

Apart from that we are supplying our CO<sub>2</sub> incubators (Carbon Di Oxide Incubators) in India, catering to a variety of customers ranging from Defence Installations, Research Laboratories, Educational Institutes and various R and D laboratories of leading national and multinational companies.

### Construction:-

SAI CO<sub>2</sub> incubators (Carbon Di Oxide Incubators) are Triple walled convection heated units. Outer body of our incubators are constructed out of thick PCRC sheet duly pre-treated with primers and rust proofing and painted with long lasting stove enamel or elegantly powder coated.. The inner chamber is made of heavy gauge stainless steel sheet of SS-304 grade. The gap between the walls is filled high grade mineral glass wool, which ensures maximum thermal efficiency in our CO<sub>2</sub> incubators (Carbon Di Oxide Incubators). The unit is provided with two doors, the inner door is made of thick plexi glass/float glass, to view the specimens without disturbing the temperature of the chamber. This door is provided with magnetic door closer. The outer door is made of mild steel sheet lined with stainless steel from inside. This door is provided with lock and key arrangement. The unit is mounted on a sturdy steel frame and provided with cator wheels for easy movement inside the laboratory. The unit is provided with two stainless steel shelves. The triple walled back of our CO<sub>2</sub> incubators are provided with two air circulation fans for uniform maintenance of the temperature throughout the chamber.

### TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	SAI-CDI-120	SAI-CDI-150
Capacity	120 ltrs	150 ltrs
Disinfection	UV LIGHT DISINFECTION	UV LIGHT DISINFECTION
MOC Inner Chamber	Stainless Steel with curved corners	
MOC Outer Chamber	Mild Steel duly powder coated	
Temperature Range	RT+5 ~70OC	
Temperature Control	0.1OC	
Temperature Stability	± 0.5OC	
CO <sub>2</sub> Control Range	0~20% (Infrared Sensor)	
CO <sub>2</sub> Recovery	Ø Calibration x 1.2min	
Humidifying Method	Natural Evaporization	
Ambient Temperature	+5 ~35OC	
Incubator Sterilizer	UV method	
Shelves Per Chamber	2 Pcs.	3 Pcs.
Input Power	450W	720W
Electrical Requirement	220V, 5Hz	



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# Deep Freezer -20° C to -40° C

## APPLICATIONS :

The "SAI" Ultra-low temperature Freezer offers a wide variety of research and storage applications, such as low temperature scientific experiments, preservation of red blood cell, white blood cell, skin, bone bacteria, semen, biomedical product, ocean product, electronic devices and low temperature testing of special materials. It is suitable for blood banks, hospitals, sanitation and antiepidemic stations, electronic industries, university laboratories, military industries, pelagic fishery companies.



## CONSTRUCTION AND SALIENT FEATURES :

The "SAI" Ultra-low temperature Freezer offer a economical solution to wide variety of research and storage applications, such as low temperature scientific experiments, preservation of red blood cell, white blood cell, skin, bone bacteria, semen, biomedical product, ocean product, electronic devices and low temperature testing of special materials. It is suitable for blood banks, hospitals, sanitation and anti-epidemic stations, electronic industries, university laboratories, military industries, pelagic fishery companies.

## ULTIMATE REFRIGERATION TECHNIQUE :

The two-time foaming technique is used and it can protect isolation layer form being damaged by low temperature, which is in the world's lead in the aspect of temperature conservation. The advanced refrigeration system of two compressors work, Own the independent knowledge property. 155mm extra thick insulation effectively reduces loss of cold air. Hi- performance compressor with high efficiency condenser fan electro motor.

## ADVANCE CONTROLLING TECHNOLOGY :

- \* Microprocessor-based temperature control system platinum resistance sensors.
- \* Inside temperature ranging from -200C to -400C can be set freely.
- \* Digital temperature display.
- \* Keyboard locks and password protect configuration page.
- \* Perfect audible and visual alarm systems (high or low temperature alarm, no battery alarm, door open alarm, filter blocking alarm, system failure alarm) ensure the safety of stored articles.

## DESIGNED FOR USER CONVENIENCE :

- \* The safety lock can prevent random opening.
- \* Rotatable assistant door handle, easy opening.
- \* Adjustable shelves are convenient to place articles.
- \* Separated inner and outer doors prevent cold air leakage and promote excellent heat insulation.
- \* Casters wheel mounted for easy handling.

### With Microcontroller Digital Controller With LED Display:-

MODEL	SAI - DF-50	SAI - DF-100	SAI - DF-150	SAI - DF-200	SAI - DF-250	SAI - DF-300	SAI - DF-400	SAI - DF-500
CAPACITY	50 LTR.	100 LTR.	150 LTR.	200 LTR.	250 LTR.	300 LTR.	400 LTR.	500 LTR.
No. of Shelves	21	2	2	3	3	3	4	4
CONTROLLER	Fitted with Microprocessor Digital Controller with LED display							



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# Deep Freezer -40° C to -86° C

## APPLICATIONS

The "SAI" Ultra-low temperature Freezer offers a wide variety of research and storage applications, such as low temperature scientific experiments, preservation of red blood cell, white blood cell, skin, bone bacteria, semen, biomedical product, ocean product, electronic devices and low temperature testing of special materials. It is suitable for blood banks, hospitals, sanitation and antiepidemic stations, electronic industries, university laboratories, military industries, pelagic fishery companies.



## Ultimate refrigeration technique

The two-time foaming technique is used and it can protect isolation layer from being damaged by low temperature, which is in the world's lead in the aspect of temperature conservation. The advanced refrigeration system of two compressors work, Own the independent knowledge property. 155mm extra thick insulation effectively reduces loss of cold air. Imported famous brand compressor with high efficiency. Germany fan electro motor with internationally famous brand of EBM is used.

## ULTIMATE REFRIGERATION TECHNIQUE :

The two-time foaming technique is used and it can protect isolation layer form being damaged by low temperature, which is in the world's lead in the aspect of temperature conservation. The advanced refrigeration system of two compressors work, Own the independent knowledge property. 155mm extra thick insulation effectively reduces loss of cold air. i- performance compressor with high efficiency condenser fan electro motor.

## Advance controlling technology

- \* Microprocessor-based temperature control system platinum resistance sensors. Inside temperature ranging from -10° C to -86° C can be set freely.
- \* Digital temperature display. Keyboard lock and password protect configuration page. Perfect audible and visual alarm systems (high or low temperature alarm, no battery alarm, door open alarm, filter blocking alarm, system failure alarm) ensure the safety of stored articles.
- \* High-tech construction combines vacuum panel insulation with environmentally-friendly, water-blown foam insulation for maximum sample-to vial footprint storage.
- \* Environmentally-friendly, CFC/HCFC free refrigerants Power management system protects against a wide range of voltage variation and is easily accessible through the touch-screen display.
- \* Microprocessor based control system.(HMI+PLC optional)
- \* Defrost cycle can be initiated to shut down the compressor and keep the cabinet defrost free.
- \* Ergonomic and easy to use.
- \* USB ports for PC connectivity.
- \* RS 232/485 connectivity
- \* CFC/HCFC-free refrigerants maximize cooling and minimize environmental impact chart recorder for better Temperature monitoring (optional)
- \* Corrosion resistant interior and exterior
- \* Incident monitor provides visual and audible warnings of system abnormalities for increased samnd direct settings for maintaining desired operations.
- \* CastorsT for ease of movement



# Walk in Cold Room

## Details:

The 2°C to 4°C walk-in cold rooms from SAI are designed to provide and sustain highly stable low temperature environments for the storage and preservation of blood cells, plasma, vaccines, microbial cells and other temperature sensitive materials. These equipments offer flexible cold room solutions for highly versatile applications and find widespread usage in scientific research organizations, medical centres, blood banks, pharmaceutical industries, food processing industries and various other industrial and research units. They are available as easy to assemble, fabricated units, designed to provide optimum and consistent working temperature throughout the cold storage chamber. The SAI 2°C to 4°C walk-in Cold rooms are available in various standard sizes and can also be custom-designed to suit specific requirements.



## Key features :

- \* Inner and Outer Pre-fabricated (Coated) panels made of PCGI sheet
- \* Sturdy design and long-lasting finish
- \* Dependable performance
- \* Easy to install, light weight units
- \* Low vibration, noise free operation
- \* Flexible, Energy saving design
- \* Microprocessor based controller
- \* Highly precise temperature control for accurate, uniform and stable working temperature
- \* Complete in specifications
- \* Non-toxic, anti-rusted, heat insulation
- \* Air-cooled compressor

MODEL	SAI-WICR-5K	SAI-WICR-6K	SAI-WICR-8K	SAI-WICR-10K	SAI-WICR-12K	SAI-WICR-15K	SAI-WICR-45K
Room Size	6'x5'x6'	6'x6'x6'	6'x7'x7'	8'x6'x8'	8'x8'x7'	10'x8'x7'	10'x11'5"x10'
Temp. Range	20°C to 40°C						
Controller	Microprocessor Based Controller						
Temp. Display	Digital LED						
Construction	Pre-fabricated (Coated) panels made of PCGI sheet						
Walls & Ceiling Area	Room shall consist of Polyurethane Insulated thick panels of PUF. The individual panels will be firmly locked together by cam locks. The material shall be inner side and outer side PCGI sheet.						
Door	Made out of 62mm thick PUF insulated panels inner side and outer side PCGI sheet, complete with all accessories like locks and hinges (1 No. door with hinges and locks will be provided) as overlap Type.						
Floor	Tails for easy clinging						
Flashing	Flashing made of PCGI sheet base U channel, inner and outer flashing.						
Insulation	Polyurethane foam thick insulation with a thickness of 80-100 mm						
Racks/Shelves (Option)	Stainless Steel / Aluminium racks as per customer requirement.						
Lighting (Viewing)	Interior fluorescent lighting						
Refrigeration	Dependable refrigeration system with CFC free refrigerants						
Compressor	Heavy duty Air-cooled compressor. The compressor in distinguished by its excellent performance, low noise level and minimal vibration.						
Refrigerant	Non-CFC/HCFC environmental friendly based on compressor capacity						
Power Supply	220 volts, 50 Hz single phase supply or 440 Volts 3 phase supply						



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### **APPLICATIONS & KEY FEATURES**

- \* Suitable for carrying out different quality control tests under controlled conditions of temperature and humidity.
- \* The excellent quality of magnetic gum packing for the external door.
- \* User oriented design of shelves makes you adjust each space of shelves without difficulty.
- \* Inner chamber is made of stainless steel (S.S.-304 Grade) and outer wall of mild steel sheet duly painted and mounted on caster wheel.
- \* High grade Polyurethane Foam (PUF) insulation between outer and inner chamber for minimal thermal loss.
- \* Front double walled door is provided with lock and key arrangement.
- \* A self-cooled air circulation fan is fitted to maintain uniform temperature and humidity condition throughout the chamber
- \* Humidity is created through steam generation tank at base/top.
- \* Provided with refrigeration system to control temperature range from 50C to 600C +10C and humidity 5% above ambient from 40% to 95% RH+ 3% RH at Cool Temperature.
- \* CFC FREE ECO FRINDLY COMPRESSOR.

### **CONSTRUCTIONAL AND SILENT FEATURE**

- \* Front double walled door is provided with lock and key arrangement.
- \* A self-cooled air circulation fan is fitted to maintain uniform temperature and humidity conditions throughout the chamber.
- \* Humidity is created through steam generation tank at base /top.
- \* Provided with refrigeration system to control temperature range from 10°C to 60°C  $\pm 1^\circ\text{C}$  and humidity (5% above ambient) from 40% to 95% RH  $\pm 3\%$  RH at Cool Temperature.lation
- \* Air-cooled compressor



# Fume Hood

**SAI TECHNOLOGY . offers Fume Hood in number of sizes and range depending on your needs.**

Fume Hoods are recommended for exhaust from the hood working area, of gases, vapor, toxic particles, odor to improve working environment of people who regularly handle toxic substances. These reduce personal exposures and odor level in the laboratory. These are designed to exhaust toxic, or otherwise harmful vapors etc., for protecting laboratory personnel & equipments. A motor blower exhaust system (Optional) generates negative pressure within the hood, extracting the contaminated air from the work area and expelling it into the atmosphere and preventing the fumes from escaping into the room. These are recommended for various laboratories like Bio-Chemistry, Pharmaceutical units, printed circuit etching/cleaning etc. These are capable of handling corrosive fumes of sulphuric and hydrochloric acids etc. If work\_x0002\_area walls are lead-lined (Optional), it can be effectively used for Radio-Isotopic applications.



## Construction

The main body of the fumes hood is made of M.S. Powder coated. The work surface (Worktable) is of stainless steel sheet. A small S.S. Sink, water tap and water outlet provided. A sliding door made of acrylic moves vertically up/down with counter balanced weight operated by steel rope. Hose is provided with fluorescent light for easy working in the chamber and a storage cabinet is also provided for storing of material. A metal clad socket and gas cock is also provided in the chamber. The control panel is fitted with on/off toggle switches for mains, motor-blower and tube light and mains indicator. 8 to 10" diameter polyethylene funnel shaped rectangular duct collar shall be located in the top Or back of the hood plenum chamber. Power Supply 220V, Single Phase, 50 Cycles, AC



Model	Size Ft.
SAI -FH-010	2' x 2' x 2'
SAI -FH-011	3' x 2' x 2'
SAI -FH-012	4' x 2' x 2'
SAI -FH-013	5' x 2' x 2'
SAI -FH-014	6' x 2' x 2'



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# Hot Air Oven

## APPLICATIONS

Forced convection system ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber. Most ideal for various experiments in microbiology, cell cultivation of animals and plants and food for various laboratories, industries, R & D labs etc.

Synthetic door gasket made of neoprene on the double walled door. User oriented design of shelves makes you adjust each space of shelves without difficulty. Adjustable two ventilation slides control inner air/ vapour circulation. Beaded heating elements are placed in ribs, at bottom and sides for uniform heat distribution.

## CONSTRUCTIONAL FEATURES

Outer body made of PCRC sheet duly powder coated. Inner chamber and perforated trays made of Stainless Steel (SS-304). Space

between inner chamber and outer wall is filled with high grade mineral wool for minimal heat dissipation. Bigger sized units mounted on caster wheels for easy portability. Door fitted with heavy duty hinges and door handle ensuring there are no leakages through the door gasket. To work on 220/230V AV, 50/60 Hz supply.



## Digital Model

MODEL	SAI-HAO-28	SAI-HAO-45	SAI-HAO-95	SAI-HAO-125	SAI-HAO-224	SAI-HAO-350
Internal Dimension (WxDXH) (mm)	300x300x300	350x350x350	450x450x450	450x450x600 w	600x600x600	750x750x900
Capacity	28 ltrs	45 ltrs	95 ltrs	125 ltrs	224 ltr	350 ltrs
Heat Load	0.75 KW	0.75 KW	1.5 KW	1.5 KW	2.25 KW	3 KW
No. of Shelves	2	2	2	2	2	2
Temperature Range	50°C to 200°C ±1°C					
Forced Convection	Available with forced convection system (Standard Features)					
Controller	Microprocessor based PID Digital Temperature Indicator-Cum-Controller with LED Display					
Regulator	Solid state electronic relay with protective heat sink					



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# Incubator



## BENEFITS & ADVANTAGES

Forced convection system ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber. Most ideal for various experiments in microbiology, Institutes, industries, R & D labs etc. Synthetic door gasket made of neoprene on the double walled door. User oriented design of shelves makes you adjust each space of shelves without difficulty. Adjustable two ventilation slides control inner air/ vapour circulation. Beaded heating elements are placed in ribs, at bottom and sides for uniform heat distribution.

## TECHNICAL SPECIFICATION & ORDERING INFORMATION BACTERIOLOGICAL INCUBATOR DIGITAL MODEL

MODEL	SAI-INC-28	SAI-HAO-45	SAI-HAO-95	SAI-HAO-125	SAI-HAO-224
Internal Dimension (WDXH) (mm)	300x300x300	355x355x355	455x455x455	455x455x605w	600x600x600
Capacity	28 ltrs	45 ltrs	95 ltrs	125 ltrs	224 ltr
Heat Load	0.50 KW	0.50 KW	1.0 KW	1.0 KW	2.0 KW
No. of Shelves	1	1	2	2	2
Temperature Range	5°C to 70°C $\pm 1^{\circ}\text{C}$				
Forced Convection	Available with forced convection system (Standard Features)				
Controller	Microprocessor based PID Digital Temperature Indicator-Cum-Controller with LED Display				

## CONSTRUCTIONAL FEATURES

Outer body made up of mild steel sheet duly powder coated. Inner chamber and perforated trays made of stainless steel (SS-304). Space between inner chamber and outer wall is filled with high grade mineral wool for minimal heat dissipation. Bigger sized units mounted on caster wheels for easy portability. Door fitted with heavy duty hinges and door handle ensuring there are no leakages through the door gasket. Beaded heating elements are placed in ribs, at bottom and sides, for uniform heat distribution. Synthetic door gasket made of neoprene rubber is fitted to all "MAC" units instead of asbestos. Air ventilators are also provided on the sides of the unit. To work on 220/230V AV, 50/60 Hz supply



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# Orbital Shaker



## APPLICATIONS

- \* Useful for life sciences applications, Fermentation Studies, Ageing Tests, Growth Studies and biological cultures under various controlled temperature conditions.
- \* Advanced shaking mechanism provides quiet shaking and precise speed control with digital display.
- \* Minimum noise, no vibration and minimal footprint.
- \* Automatic stop of shaking system when door is opened.
- \* Stabilized orbital motion under uneven load distribution.
- \* Various configurations of stainless steel lotus clamps available for erlenmeyer flasks.
- \* Interior made of Stainless Steel (304 grade) with a drain-off facility for spill overs.
- \* One set of lotus clamp holders with one shaking platform of stainless steel (SS-304) supplied with the unit as a standard accessory.
- \* Stationery shelves made of Stainless Steel (SS-304) for use of the unit as a standard B.O.D. Incubator, can be supplied at extra cost.
- \* Automatic restart at preset speed in case of power failure.

## TECHNICAL SPECIFICATION & ORDERING INFORMATION

MODEL	SAI-OSC-250	SAI-OSC-250 (lcd)
MOC Outer	Powder Coated CRC Steel Sheet	
MOC Inner	Chamber and trays made of stainless steel (SS-304)	
capacity		
Volume	280Ltrs	
Display	LED with Set Value (SV) and Process VALUE (PV)LCD with Set Value (SV) and Process VALUE (PV)	
Temperature Control	Microprocessor Based Digital Temperature Indicator-cum-Controller	
ControllerInner Chamber Size (WxDxH) in mm	660x660x690mm	
Insulation	High Density PUF insulation for tighter temperature controls	
Temperature Range	5°C to 60°	
Safety	Over temperature limiter switch prevents overheating	



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# Refrigerator/Vaccine Storage

## APPLICATIONS

To meet requirements of general cooling applications in various medical and other laboratories we design, manufacture and supply refrigerators from small to large capacities with temperature range 2°C to 8°C. These laboratory refrigerator equipment offer excellent temperature control and come with number of optional features that assist you in making your research comfortable. A range of sizes are available from 50 litres to 1000 litres or more with either single or double outer doors, under counter or upright (vertical type) designs. All models are constructed with powder coated mild steel (stainless steel optional) and stainless steel interiors and each have high and low temperature audible alarms.



## Feature

Perfect for general lab applications Upright and under counter models

Microprocessor PID Controller      Single and Double door type

High grade PUF insulation      Temperature range 2°C to 8°C

Capacity from 50 liters to 1000 liters or more      Alarm system with rechargeable battery backup

Temperature printer      Plexi glass inner door for easy view

Fluorescent lamp for increase visibility      Stainless steel adjustable trays

MODEL	SAI-LR-50	SAI-LR-100	SAI-LR-200	SAI-LR-300	SAI-LR-400	SAI-LR-500
Capacity	50 ltrs	100 ltrs	200 ltrs	300 ltrs	400 ltr	500 ltrs
Heat Load	0.75 KW	0.75 KW	1.5 KW	1.5 KW	2.25 KW	3 KW
Construction	Interior: Stainless Steel					
Temperature Range	2°C to 8°					
Optional	1. Fluorescent lamp 2. Stainless Steel exterior 3. Extra shelves 4. Temperature chart recorder 5. Rechargeable battery for alarm 6. Caster wheels 7. Computer interface 8. Memory storage & printer 9. Voltage stabilizer					
Power	220 / 230 Volts 50 Hz					
Regulator	Solid state electronic relay with protective heat sink					



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# Laminar Air Flow Horizontal

## APPLICATIONS

Laminar flow cabinet (horizontal / vertical) designed so as to meet the requirements of US federal standard 209 B (BS 5295) providing particle free air to meet class 100 conditions. The unit is fitted with pre-filter and HEPA filter. Air is drawn through pre-filter and is made to pass through highly effective HEPA filters having efficiency rating as high as 99.99% with cold DOP & 99.97% with hot DOP thus retaining all air-borne particles of size 0.3 micron and larger. Using a dynamic machine, the blower and motor assembly is statically and dynamically balanced ISI marked motor of 1/4 HP capacity operates with minimum noise level less than 60 dB on a Scale. The working area is illuminated by fluorescent lighting fitted to the unit. Height of the working table provides comfortable "SIT DOWN" working position for the operator.



### Sailent features

- \* The cabinet are fabricated of thick mild steel / stainless steel laminated by cold rolled steel duly powder coated or SS as per requirement
- \* Work table is made of SS with mirror finish which makes it easy to clean, washable & chemical resistive, corrosive free, Leak proof construction.
- \* Side panels are made out of thick transparent plexus glass / acrylic sheet duly framed
- \* High efficiency pre filter
- \* HEPA filter efficiency- 99.99% with cold DOP & 99.97% with hot DOP thus retaining all air-borne particles of size 0.3 micron
- \* Pressure manometer to gauge the pressure drop in the unit
- \* Built in two number U.V. Germicidal Light for disinfection and fluorescent light for work space illumination (60 W, 800 Lumens)
- \* Utility- gas/air cock and multi point electric socket.
- \* Transparent UV protected front door glass.
- \* Air flow Rate: 0.35 to 0.75 m/sec.
- \* Velocity should be: Approx. 90-100\* FPM higher velocity available on request
- \* Vibration level <2.5 micron
- \* Fitted with magnehelic differential pressure gauge
- \* Castor wheels for ease of movement.
- \* Works on 230V AC supply

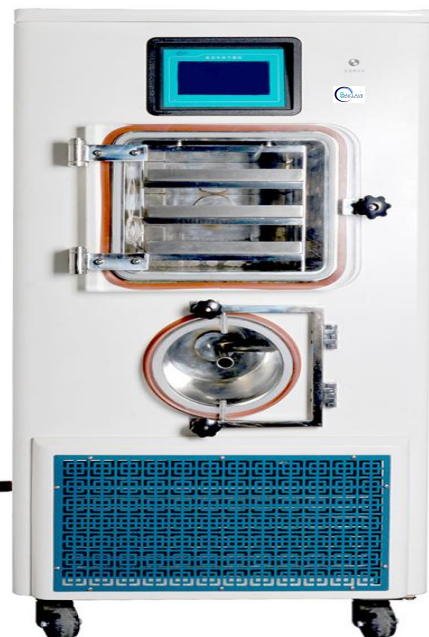
# Freeze Dryer (Lyophilizer)

## APPLICATIONS

SAI Freeze Dryer or Lyophilizer is a such a dehydration process in which is water is removed for the frozen sample using purified vacuum condition. This process is followed by first stage Sublimation (primary drying) and last stage Desorption (secondary drying). In lyophilization process, where water in ice form on the frozen goods can be directly lyophilized into steam without melting in advance, thus the goods are dried. The substances frozen can be well preserved for a long time and returned to their former state once being watered without losing their biochemical properties. The freeze drying technology is especially ideal for those bio-products sensitive to antibiotic, vaccines, blood products, enzymes and hormones.

### Features

3 to 15 Liters ice capacities	-40°C or -80°C temperature
CFC refrigeration system	Precise vacuum control
Corrosion resistant construction	Audio visual alarm optional
Digital PID controller	Simple to install and operate
Wide range of accessories are available	Single or two stages cooling system
Front Loading (Tray Type)	Top Loading (Vacuum prove)



### note:-

- \*High ice capacity lyophilizers are also constructed on demand
- \*Tray type lyophilizer is constructed on demand
- \*PLC+HMI Optional

MODEL	SAI-LY-103	SAI-LR-105	SAI-LR-108	SAI-LR-110	SAI-LR-115
Max. ice capacity	3L	5L	8L	10L	15L
Ice condenser performance	2L / 24Hr	3.5L / 24Hr	5.5L / 24Hr	7.5L / 24Hr	10L / 24Hr
Tray	2	2	3	4	5
Cold trap temperature	-40°C or below (-80°C Optional)				
Temperature Sensor	PT-100				
Controls	Refrigeration ON/OFF Vacuum ON/OFF				
Controller	PID controller/PLC+HMI Optional				
Refrigeration System	HCFC / CFC Free, -40°C (-86°C optional)				
Compressor	(hermetically sealed)				
Defrost	Defrost Hot Gas				
Pressure Control	Automatic or Manual				
Drain connection	Side mounted				
MOC	Exterior - Powder coated, MS Exterior top - SS 304, Drying chamber - SS 304 OR SS 316, Cold Trap Chamber - SS 304 OR SS 316, Lids - Acrylic				



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# Mortuary Refrigerator

## SAFETY SYSTEM

- \* Hi-Low temperature deviation alarm.
- \* Sensor Failure Indication protection.
- \* Start-up delay protection for compressor.

## REFRIGERATION SYSTEM

- \* Hi-performance hermetically sealed compressor .
- \* CFC-free ECO-FRIENDLY refrigerants.
- \* High density HCFC free polyurethane insulation foam.
- \* Uniformly spread evaporator imparts faster freezing and better performance on conformity of temperature.

## APPLICATIONS

- \*Cooling coils for mortuary freezer are placed between foamed-in-place PUF insulation and brazed to Stainless Steel chamber eliminating any chances of FROST FORMATION and choking of evaporator.
- \*Finned tube evaporator with forced air convention for mortuary refrigerator.

## CONSTRUCTION

- \*Outer body of Stainless Steel. Inner Chamber of Stainless Steel. High density machine filled HCFC free polyurethane insulation foam (PUF). Specially designed latch eliminates cooling loss. Side by side chambers for bigger capacities



MODEL (MORTUARY CHAMBER)	SAI-MC-2	SAI-MC-3	SAI-MC-4	SAI-MC-6	SAI-MC-12
Capacity	2 Body	3 Body	4 Body	6 Body	12 Body
Temperature	2oC to 6oC				
Controller	Microprocessor / Micro-controller based temperature controller				
Temperature Display	Digital LED with SV and PV				
MOC Outer	GI Powder Coated/Stainless steel Optional				
MOC Inner	Stainless steel				
Door	Standard hinged door with double gasket seal between the doors.				
Insulation	High grade PUF INSULATED between outer and inner chamber for minimal thermal losses				
Body Trays	Telescopic/Pull out trays made up of SS sheet				
Interior Lighting	Interior fluorescent lighting				
Castors	Castors for minimal effort mobility				
Refrigeration system	Superior and heavy duty air cooled refrigeration system.				
Compressor	CFC FREE ECO FRIENDLY				
Condenser	Highly efficient condenser with automatic condensate evaporating system.				
Evaporator	Internal evaporator system Forced draught				
Refrigerant	Non-CFC/HCFC environmental friendly based on compressor capacity.				
Air Circulation	Forced air circulation to maintain chamber uniformity.				
Door Lock	Provided for safety and security of specimen.				
Power Supply	220 / 230 Volts, Single Phase Supply				



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# PASS BOX

We are the most trusted Dynamic Pass Box Manufacturer, Supplier and Exporter from India. Our precision-engineered Dynamic Pass Box assists in transfer of materials driven through a controlled environment but without much personnel movement. Furthermore, this box helps in prevention of contaminants entrance either in the clean room or between various classified areas. Dynamic Pass Box that we deliver in the market is accessible at most economical prices.



## Specifications :-

Used for transfer of material from and into the clean room without contaminating the clean room air and without opening the clean room door. Equipment under this schedule conform BIS certification standards, approve of which shall have to be submitted along with the bid.

- \* MOC : SS 202/304
- \* Velocity 90-110 FPM at filter face
- \* Final supply filter :- HEPA air filter, efficiency 99.97% down to 0.3 micron. Casing :- Factory extruded AL section.
- \* Fresh Air Filter:- Per filter efficiency 99.9 % down to 20 micron. Grade; CASING:- Aluminium Anodised.
- \* Blower Motor Assembly :- Electric motor -0.1HP, 1 phase
- \* Doors:- Double walled sandwitched door with glass view window with support SS frame, handles, hinges and gasket on both sides. Electromagnetic door interlocking with indicating lamp on both side.
- \* Fluorescent light and the motor blower unit or automatically put on at the time of opening any one of the door.
- \* Clean air through HEPA filter is put ON immediately automatically opening any door
- \* Inter locking arrangement to put OFF UV light if either door opens and ensures that door will remains lock if blower fail.
- \* Provision of UV light to switched ON and OFF from the outside switch UV light should be permanently OFF unless switched ON.
- \* Magnetic latch for both door even after power failure door will be Lock

MODEL	Work Area Dimension (L x W x H)
SAI-PB-125	18" x 18" x 18
SAI-PB-250	24" x 24" x 24"
SAI-PB-350	24" x 24" x 36"
SAI-PB-500	24" x 36" x 36"

# Plant Growth Chamber

## APPLICATIONS

SAI Many area of plant research require the use of a controller environment. In this way, a plant's response to different conditions can be monitored, or a particular habitat imitated. Standard propagation techniques can be greatly speeded up using a growth cabinet as well as achieving a higher success rate. Where micro propagation is being used a growth cabinet is essential for rooting the plantlets and adapting them to normal conditions. This plant growth cabinet is ideal for all routine propagation and research applications.



## CONSTRUCTIONS

With a solid see thru double walled door and a full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without distributing the process temperature.

- \* Excellent quality magnetic gum packing door gasket for external door.
- \* User-oriented design of shelves makes you adjust each space of shelves without difficulty.
- \* Forced air circulation at triple walled back by durable coaxial blower, maintains optimum temperature uniformity and homogeneity.
- \* Foamed-in-place PUF insulation ensures thermal stability and reduces electrical energy consumption.
- \* Caster wheel mounted for easy portability.
- \* Front double walled door is provided with lock and key arrangement.
- \* Door operated illumination lamp is fitted inside the chamber for easy visibility.
- \* Finned tube evaporator facilitates uniform and faster cooling effects.
- \* Safety Thermostate to prevent overheating.
- \* Fitted with exterior illumination with fluorescent tubes/lamps.
- \* Works on 220/230 Volts AC (50/60 Hz frequency)

MODEL	SAI-PGC-11	SAI-PGC-17	SAI-PGC-28	SAI-PGC-34
Capacity	112 Itrs	171 Itrs	280 Itrs	350 Itrs
Volume	4Cuft	6Cuft	10 Cuft	12 Cuft
MOC Outer	Powder coated CRC Steel Sheet			
MOC Inner	Chamber and trays made of Stainless Steel (SS-304)			
No. of Shelves	2	2	3	3
Type	Forced Convection Type			
Freezer Compressor	Hermetically sealed air cooling compressor system			
Temperature Range	10OC to 60OC			
Temperature Accuracy	+1OC TO +0.1OC			
Humidity Creation	Through sophisticated steam injection process.			
Humidity range	5% above ambient from 40% to 95%RH at cool temperatures			
Humidity Accuracy	+5%RH To +1%RH			
Evaporator	Finned tube evaporator for faster cooling effects			
Safety	Over temperature limiter switch prevents overheating			
Insulation	Foamed-in-Place PUF insulation ensures thermal stability and reduces electrical energy consumption			
Illumination	Exterior illumination with fluorescent tubes/lamps.			
Temperature Controller	Microprocessor Based Digital Temperature Indicator cum Controller with LED/LCD display. for Set Value. (SV) & Process Value (PV). OR Microprocessor based alphanumeric LCD/LED Display Controller			
Humidity Controller	Microprocessor based Digital P.I.D Digital Humidity Indicator-Cum-Controller			
Caster Wheel	Caster wheel mounted for easy portability.			
Electrical Supply	220/230V AC, 50/60Hz			

**Options :-** Communication port with interface and data cable to download data to your PC.



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# VISIT US

*let's make something great together*



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**(AN ISO 9001:2015 CO. WHO-GMP COMPLIANCE, CE)**  
**C-188 Sector-1 Bawana industrial area**  
**DELHI 110039(INDIA)**  
**Mob- 9555353786 / 7011443815**  
**WEB- <http://www.sailabinstruments.in/>**

The company is committed to deliver highly efficient management and one of our key milestone is still focus on the high standard and professional cor for all patients. including development of physician and quality of the hospital to ensure or customers receive the good service and care. and also continue to improve the performance of the company.

On behalf of Director. we would like to express sincere gratitude to all our Customers, trading partners. doctors and all staffs for your continue support the company. The management team will committed to Manage the company with good corporate governance in order to maximize the benefit to all parties involved.



**CEO**  
**MR.ABHISHEK SINGH**



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