





#### **MODULAR OPERATION THEATER**

We supply & install Pre-Fabricated Modular OT. These are finished steel structure with joint less sterile coating providing a high quality finish. Pre-fabricated modular OT offer the advantage of speedy construction, high quality finish in prevention of contamination build up, long durability, robust and flexibility in design for future expansion, ease of maintenance etc. The pre-engineered modular Operation Theater solves the problem of infections. We provide HEPA Filters of efficiency 99.97%. The perfect surface is able to prevent any scope of sluggish air and contamination.

#### **OT LIGHT INTEGRATED PLANAIR SYSTEM**

We supply & install a Light integrated planair system to reduce airborne bacteria in an operation theatre. The unidirectional laminar flow system delivers the clean filtered optimum air into the area in which the operation is to be performed and sterile equipments are exposed. Our range of ceiling systems reduces the risk of post-operative infection. The system is designed to allow the client to select from a variety of lighting and diffuser arrangements to suit the specific requirements of the operating team. The ceiling consists of a plenum box having HEPA filters remove particles > 0.3 micron in diameter with an efficiency of 99.97%. Size :  $8' \times 8', 8' \times 6', 6' \times 6', 6' \times 4'$ .





#### **X- RAY VIEW PANEL**

Digital X-Ray Viewing Screens are made up of high quality opaque acrylic sheet and electrolyzed steel with powder coated material that displays a magnified image. Available as single, double, three, four plate models.

#### OT CONTROL PANEL

We supply & install OT Control Panel fabricated by using high quality material. Our control panel indicates the following :

- Time Day Clock
- Time Elapsed Clock
- General Lighting System
- Medical Gas Alarm Panel
- Hands Free Telephony set with memory
- · Temperature and humidity indicator with
- · Controller HEPA filter status module
- Gas Pressure indicator

Our range can be operated with the help of a remote and manually as well.



Samit Med Cure



## SCRUB SINK STATION

We supply & install Compact surgical scrub sink which is designed for use in OT complex providing Surgeons with a convenient sink for pre OT scrub up. The scrub station is made of high grade stainless steel eith sensor (Hands free operation), mixing valve, solenoid valve & foot operated manual operation. The scrub sink station may be 1-Bay, 2-Bay, and 3-Bay as per requirement.

## **OPERATION THEATER FLOORING (Antistatic Conductive Tiles)**

We supply & install antistatic conductive flooring considering key factors of hygiene and safety standards, the conductive PVC tiles 2mm thick are laid on the floor with a semi conductive adhesive base, all joints are welded with electrodes of the same compatible material to provide a continuous sealed surface.





### **CEILING PENDANT SYSTEM**

We offer a customized Ceiling Pendant system to reduce traffic movement on floor in an operation theater/ICU. The Pendants are made out of high quality Aluminium profiles duly powder coated to meet the requirements of the operating team. It can be supplied with variety of Gas outlet points, electrical switched-sockets, monitor trays, IV poles, DATA points etc. The Pendants are supplied in Single arm movable, Dual arm movable, swivel type rotating, Fixed type as per customer requirements.

#### PRESSURE RELIEF DAMPER

We also supply Pressure relief Damper. This device is able to regulate the high pressure of an Operating Room with the help of its balanced blade mounted in an aperture. At the time of two different pressurized areas this equipment can let the room of higher pressure (Operating Room) to the lower pressure Area (Corridor/Else). PRD has First class electrolyzed steel plate for body and high grade SS304 stainless steel blades, which pivot upon sealed for life time maintenance free bearing assemblies.





# HERMETICALLY SEALED DOORS

We supply & install high grade Hermetically Sealed Sliding Doors. These doors are suitable for operation theaters as compared to hinged door. These doors requires less space and due to their guided track system make less air disturbance as they slice through the air. The effectiveness of its sealing is strictly checked that it is able to reduce cross contamination and dirt entering in the operation theater. The hermetic doors are available in different colors. These doors are very easy to clean and stylishly designed with double glazed vision panel.

#### AIR HANDLING UNIT

We provide Air Handling Unit & Ventilation that are designed, fabricated and installed by us to provide client satisfaction. Our company is also engaged in designing and execution of central air conditioning for pharma companies, clean room, hospital, call centre, shopping mall, office building, hotel and schools.

Specifications

- 1. Horizontal/Vertical/Ceiling Suspended
- 2. Double/Single Skin/Double Decker.



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# Deals in :

- Light Integrated Plenum System
- Antistatic, Conductive Flooring (OT & ICU)
- Customised Laminar Air Flow (LAF)
- Surgical Scrub Sink
- Customised Air Handling Unit (AHU)
- Hermetically Sealing Door
- Customised Aluminum Sheet Ducts
- Hospital Furniture, Beds, Trolleys
- Ceiling Pendants (Anaesthesia & Surgeon)
- Medical Gas Pipelines System

# Samit Med Cure

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We Care for You