



**MODULAR OPERATION THEATRE, HOSPITAL
FURNITURE, ICU, NICU, MEDICAL GAS PIPELINE SYSTEM**

AAR TECH MEDICAL SYSTEM

PRODUCT CATALOGUE



About us

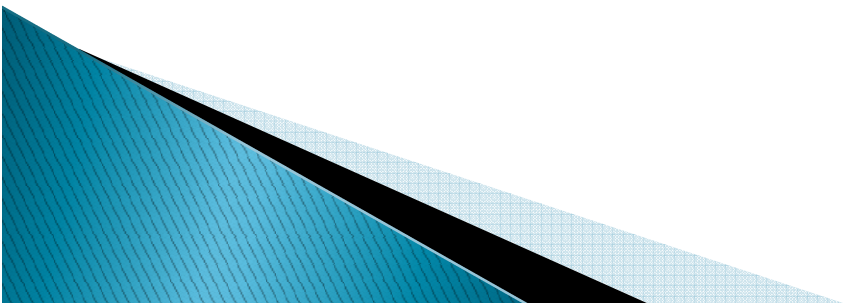
A fast growing group of engineer entrepreneurs with an eye on excellence set out to make their own destiny. Powering the spirit of enterprise with the dream to set up a company, this would stand out for the excellence of its products. The group of Engineers in Mechanical, Electrical, Bio-medical, and Electronics engineering those has vast experience (more than Six years) in Mechanical, Medical, Healthcare & Engineering Design and Manufacturing. We are having quality work experience in Pre-Fabricated Buildings, Modular operation theatre, ICU, NICU, IVF Rooms, Electro-medical sophisticated equipments, Anaesthesia equipments, Hospital Furniture, Institutional Furniture & Customized Product with various industries.

QUALITY & TIME – A COMMITMENT

Right from inception the motto of the group engineers has been “Total Quality & Time Management” and total customer satisfaction. This is reflected in its products, which are of international quality. The products are backed by efficient & friendly after sales-service.

The unflinching commitment to quality, timely delivery and complete customer satisfaction has been and would always remain its goal. We are dedicated to provide innovative, cost effective, permanent solution for all type requirement of our valuable customer.

We are also having hands on work experience in design-development, manufacturing, service -maintenance of ICU equipments, OT equipments & automation systems such as ventilators, patient monitors, anaesthesia machines, syringe pumps, CCTV systems etc. Our products confirm to the standards of quality and we can supply products as a short notice. The company operates a policy of continuous improvement.



MODULAR OPERATION THEATRE



The wall & ceiling panel can be made out of following material as per customer requirement.

- 1.6mm thick EGP steel panels backed by 12mm thick gypsum.
- Stainless Steel Panel SS202 or SS304.
- High Pressure Laminate panels as per EN standard.
- PUF sandwiched panel.

HERMETICALLY SEALED SLIDING DOOR



Mak-Health is a hermetically sealing sliding door. (Sliding Direction: Horizontally from Left or Right) This door is specially designed for operation theatres and clean rooms. It can withstand up to 75 Pa overpressure to such a degree that any leakage loss will still not be measurable due to the hermetic seal. Opening the door is extremely easy due to the lever principle on the inner and outer door handles. The door can also be provided with the electrical automation. Apart from the standard sizes, the customization is also available as per the requirements. The Door Panel is 60mm thick and has 4mm thick high Quality High Pressure Laminates on both sides of 52mm thick Pressure Injected. It is flush framed in extruded Aluminium alloy profiles, shaped with wide radius curves. Being a perfect flush door, the door skin is made of joint less laminates

*Sizes Available: 1200x2100mm, 1500x2100mm, 1800x2100mm

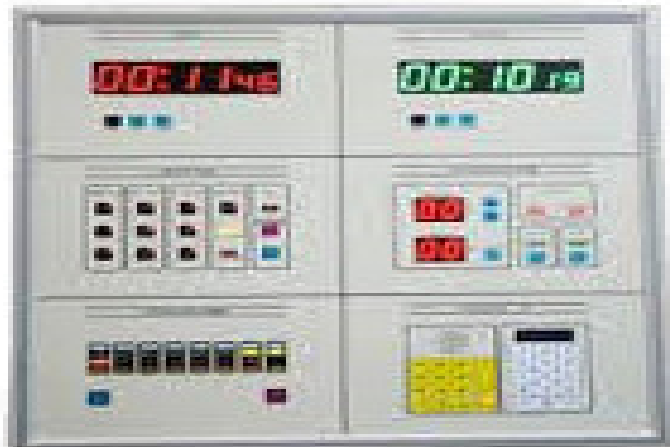
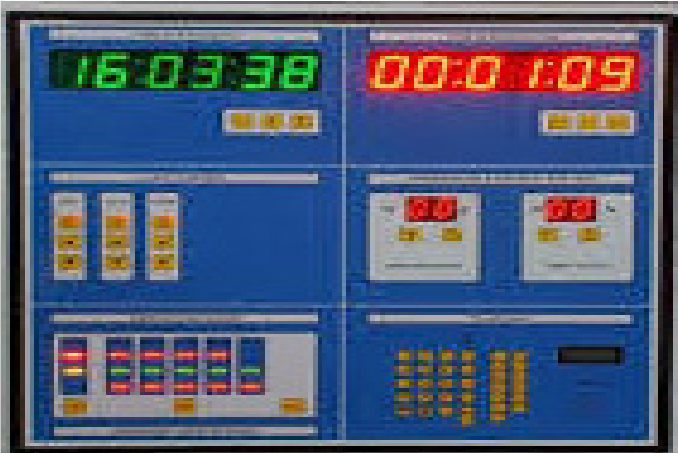
LAMINAR AIR FLOW



We are engaged in the business of manufacturing and trading supplying of advance quality **Laminar Air Flow**. These systems are designed by making use of latest machineries, technologies and techniques. Widely used in operating theatres, these systems dilute the bacteria generated by the operating & and patient and create an air flow pattern that carries out contaminated air away from operating table. Further, our **Laminar Air Flow** also ensures sterility and cleanliness required for modern operating theatre environment.

Air and Light Integrated Plenum Laminar flow HEPA filters having efficiency 99.97% down to 0.3 microns HEPA filters are factory tested Incased in Alumunium exturded framework with Micro-fiber glass imported media.

SURGEON CONTROL PANELS



Surgeon Control panel meet the electrical safety codes for high and low voltage systems. The control panel is user friendly and ease of operating and maintenance purpose. The fascia is made with superior quality UV resistance membrane with sterilization feature. We can develop the product as per requirement of customer.

X-RAY VIEW SCREEN



We have uniquely positioned ourselves as a dependable organization, engrossed in manufacturing, exporting and supplying a commendable range of X - Ray View Screen.

This screen is manufactured using excellent quality raw materials and latest technology by our skilled professionals.

Key Features

Ensure clear image, Technically advanced, Clear view

SURGICAL SCRUB STATION



We are a reputed manufacturer, supplier of a vast array of **Scrub Sinks**. The range we offer is manufactured using excellent quality SS304 stainless steel with satin polish finish. These products have foot operated panel using operated taps. In our range; 1 Bay, 2 Bay and 3 Bay are offered to customers.

Specifications:

- *The HV electrical components are housed in the junction box
- *The fascia is 24 VAC operated
- *It complies with LV requirement
- *The bowl is constructed in such a manner that will radiate back splash of water

The drainage is precisely designed to avoid any overflowing
With its time out control, these sinks have the capability to provide the convenience to the user and also work as a water saving concept

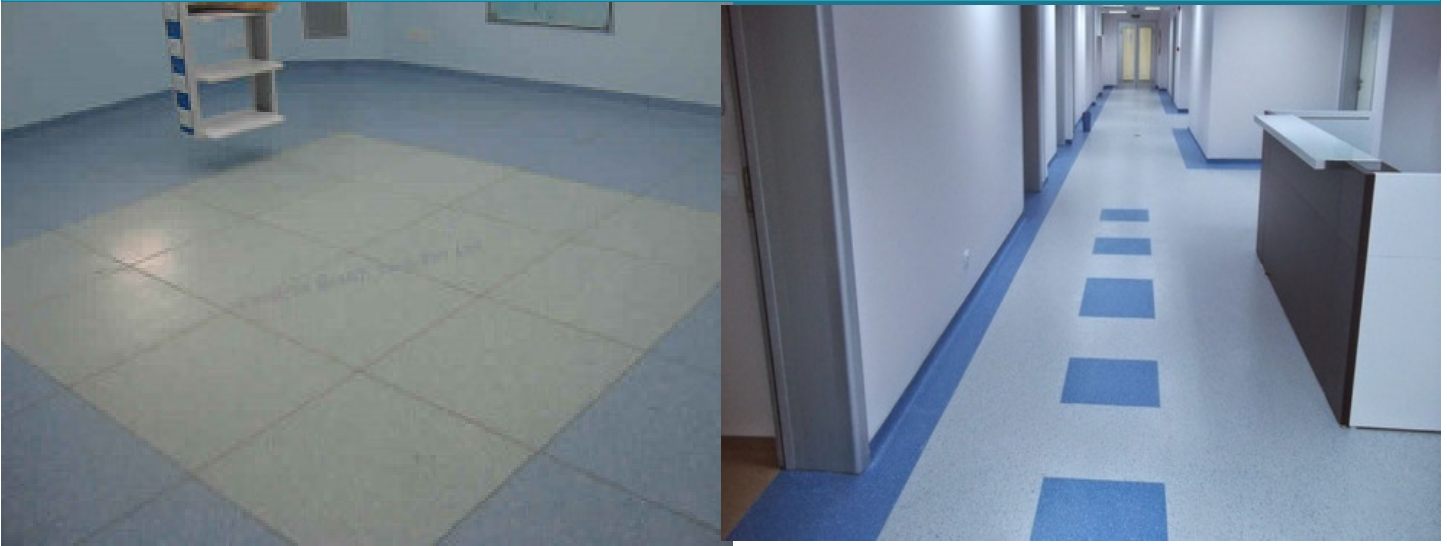
PRESSURE RELIEF DAMPER



Pressure Relief Dampers should be provided in each room to prevent contamination of air from clean and dirty areas. Suitably sized air pressure relief damper should be strategically placed, enabling differential room pressure to be maintained and ensure that when doors are opened between clean and dirty areas. Counter weight balancing system should be provided in the PRD to maintain positive pressure inside the operation room.

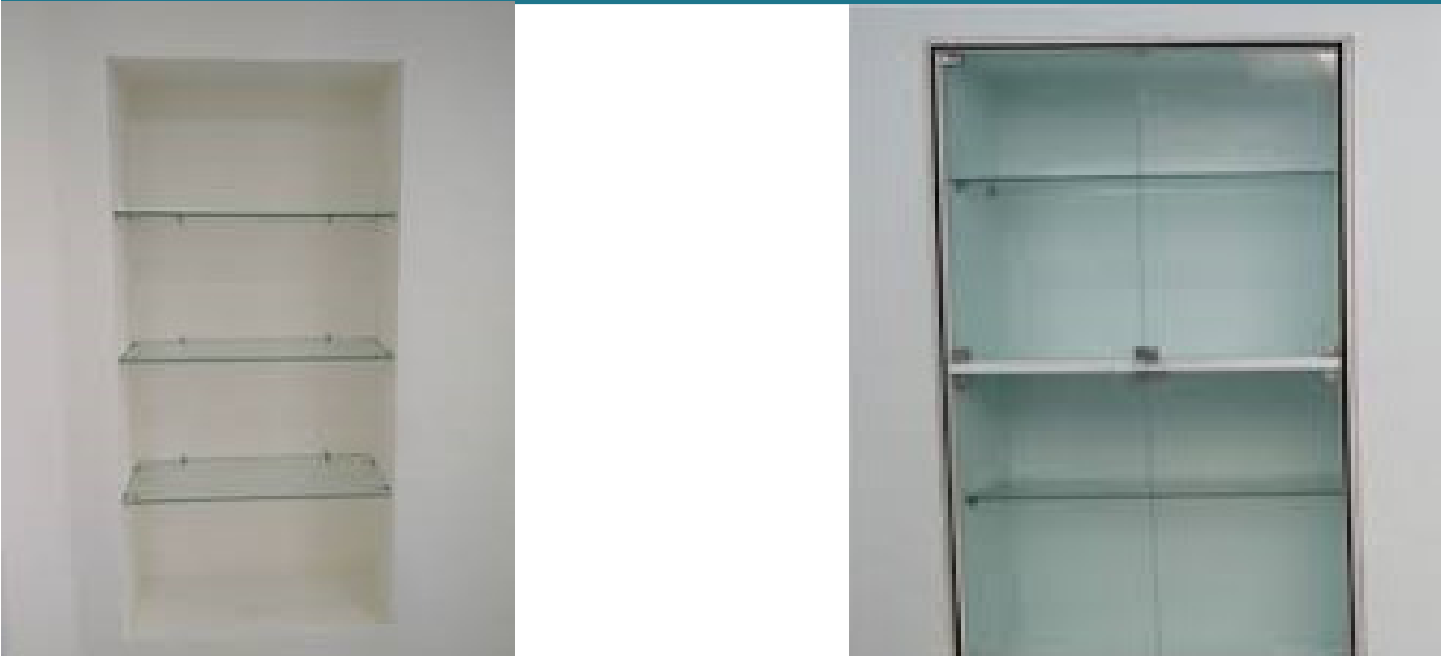
Air Pressure stabilizers should have unique capability of controlling differential pressure to close tolerance. The PRD should be remain closed at pressure below the set pressure and should open fully at pressure only fractionally above the threshold pressure. The body should be epoxy power coated as per standard BS Colours. First class electrolyzed steel plate should be used for body and with high grade SS304 stainless steel for blades.

CONDUCTIVE VINYL FLOORING



A floor screen shall be provided, flat to within a tolerance of ± 3 mm over any 3 meter area. Onto this sub-floor, a self-levelling compound should be laid prior to laying of the floor finish. Copper grounding strips (0.05 mm thick, 50 mm width) shall be laid flat on the floor in the conductive adhesive connect to copper wire of grounding. The floor finish in the operating room should be 2 mm Conductive PVC tiles, laid on a semi-conductive adhesive base. The floor finish shall terminate at the room perimeter passing over a concealed cove former and continuing up the wall for 100 mm. All joints shall be welded with electrodes of the same compatible material to provide a continuous sealed surface. The floor shall have an electrical resistance of 2.5×10^6 Ohms, as per DIN 51953 ATM F-150 or NFPA 99, B1 class of fire resistance and should meet UL standard 7779. Fulfil product requirement as per EN 649.

STORAGE UNIT



The storage unit can be made with 1.50 mm thick EPG Zink coated steel panel, Stainless steel panels, High Pressure Laminate panels. The storage unit will be divided in 2 equal parts and each part will have individual glass doors with high quality system. Each part will be provided with glass racks.

TRACK & CURTAINS SYSTEM

Hospital curtains solutions curtain track is manufactured using having duty, extruded 6063-T5 aluminium and is ceiling mounted. Our curved track is fabricated with a radius on all 45 or 90 degree bands and comes in electrostatic white paint finish. Track come complete with our wheel roller carrier hooks.



HATCH BOX (PASS BOX)



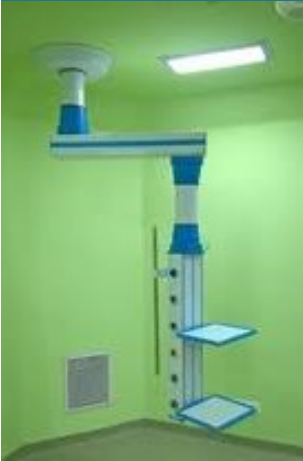
A Hatch Box can be provided in each operation theatre to remove waste materials from the operation theatre to Dirty linen area just adjacent to operation theatre. Each Hatch is equipped with two doors and door shall operated electronically. The Hatch is designed in such a way that only one door should be opened at one time. The UV light shall be installed in chamber so that it is kept ON while the both the door are closed, the UV light has to be automatically turned off in case off opening of either of the door. There shall be indicators on both side of the OT so that door open / close can be monitored from both ends. Enables parts, tools and other work items to be passed to and from the room.

OPERATING LIST BOARD



One operating list board should be provided in each operating theatre. It should be made of ceramic having magnetic properties and should be flushed to the wall of operating room.

CEILING PENDENT



Ceiling Pendent designed for used in OT or ICU. Its closed powder coated aluminium alloy beam contributes to improved Hygiene and maximizes the working area with hassle free and wire free floor space. Ceiling Pendent designed for used in OT or ICU. High quality bearing make the arms offer wide reach all around access to the patient and equipment, especially, around the back of the bed and the patient's head.

Available in single arm or double arm configuration with manual or motorised console and power sockets and gas outlets as per user choice.

BED HEAD PANEL



We are trading a large number of Bed Head Panels which is made from standard grade aluminium extrusion using advance technology. Our products are highly appreciated from providing optimum performance to our clients. These panels perfectly designed under the experienced technocrats. These panels are equipped with gas outlets, Electrical switch & socket, Data points, Nurse call system, Reading Lamp, Night Lamps etc.

These panel are used in ICU, CCCU, NICU, Private room as well as in general ward. These bed head panel are renowned for sturdy construction as well as long service life.

AAR TECH MEDICAL SYSTEM

(An ISO 9001:2008 company)

QUALITY

TIMELY DELIVERY

CUSTOMER SATISFACTION

Address: H-237, Haldoni, Greater Noida, G. B. Nagar,
Uttar Pradesh-201305, INDIA

Mobile No. +91-9716717355, +91-9508366026

Email ID: aartech.med@gmail.com

Branch :- AAR TECH MEDICAL SYSTEM
12, Bairiya, Chandani Chowk,
Muzaffarpur, Bihar-840003

