

Integrated Cleanroom Technologies Pvt. Ltd.



## MODULAR PARTITIONS & DOORS



### Modular Partitions

- Wall
- Ceiling
- Door
- Accessories



## About **iCLEAN**

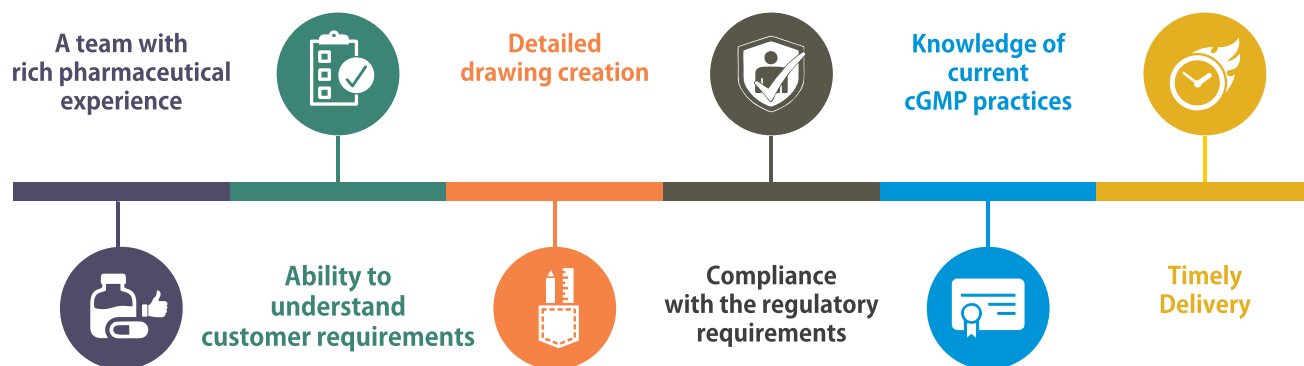
**Integrated Cleanroom Technologies Private Limited (iCLEAN)** was established in 2003 primarily to serve the cleanroom requirements of customers, which were until then serviced through imports. As pioneers in this field, the solutions from iCLEAN were readily accepted by the customers. Since then iCLEAN with its unflinching focus on customer requirements evolved into the largest cleanroom partition manufacturers in India.

The state-of-the-art manufacturing facilities equipped with CNC machinery, top class powder coating line and in-situ high pressure foaming with a manufacturing capacities of Partitions 6,00,000 Sqm/Annum, Equipments-1200 Units/Annum and Lab Furniture-1000 Units/Annum enable iCLEAN to meet the divergent requirements and specifications of the customers. Branch offices operating from Mumbai, Delhi, Chennai Ahmedabad and Bangalore ensure faster reach to our customers.

Our committed and motivated team of experts with vast experience in the Pharmaceutical and Electronics industry keeps itself updated with the ever changing needs of the industries being served by us. Our products are designed to meet operational flexibility and confirm to stringent quality norms as per cGMP standards.



## Our **CORE STRENGTHS**





## Modular Partitions

Cleanrooms are unique in their construction, having virtually every component built in during production to suit all applications and to meet industrial requirements.

iCLEAN offers a complete range of cleanroom partitions and ceiling systems. These systems meet the technical requirements of high specification, controlled environments such as Pharmaceutical, Biotech and Microelectronics, as well as Food-processing plants. The ceiling panels are non-particle shedding, load bearing, walkable panels and feature pre-formed cut outs for the housing of HEPA filters and other dedicated services.



## WALL

A vital ingredient in the creation of Cleanrooms, Wall panels form a substantial part of our product offerings. iCLEAN wall panels are manufactured in standard sizes and can also be customized depending on the requirement.

### SPECIFICATIONS

- Standard size : 1200 X 3000mm (Up to 6000mm Height).
- MOC : GI Pre-Coated/GI powder-coated/SS - 304/PVC Laminate
- Thickness: 0.6 / 0.8 / 1 mm.
- Skin Type: GPSP / SS 304 Sheet.
- Panel Thickness: 50 / 80 / 100 / 150 mm.
- Fastened to extruded aluminium / GI profiles.
- Infill: PUF (40kg / m<sup>3</sup>) / Rockwool (96kg / m<sup>3</sup>) (Other In-Fill options available on request).
- Factory- made and Site- made cutouts as per Design.
- In-built power sockets and Magnehelic gauges.
- In-built Return Air Riser.

**WORLDWIDE EXPORTS**  
to 17 Countries in  
5 Continents

**1250+ INSTALLATIONS**  
across the globe

**EXPERIENCE**  
of over 16 Years in Mfg &  
Management

**1200+ TEAM MEMBERS**  
Skilled & committed



## CEILING

A perfect ceiling makes a perfect Cleanroom, iCLEAN Ceiling Systems are designed to fit every requirement and adhere to stringent Quality Standards that fit in seamlessly with the rest of the room paneling. The Ceiling Panels are fastened to profile that are placed on a particle-tight extruded aluminium grid matrix with silicone sealant.

### SPECIFICATIONS

- Standard size : 1200 X 3000 mm (Up to 6000 mm Length)
- MOC : GI Pre-Coated / GI powder-coated/SS - 304/PVC Laminate
- Thickness: 0.6 / 0.8 / 1 mm
- Skin Type: GPSP / SS 304 Sheet
- Panel Thickness: 50 / 80 mm
- Factory-made Cut-outs (For Filter & Light Fixtures and other Services)
- Infill: PUF (40kg / m<sup>3</sup>) / Rockwool (96kg / m<sup>3</sup>) (Other In-Fill options available on request).
- Ceiling suspension..



## DOOR

iCLEAN provide wide range of Cleanroom compatible Doors . These are basically meant for avoiding the air existing from the room. The door has mechanically interlocked vertical edges that add strength and rigidity, which makes them appropriate for light and heavy use.

Thick flush doors made of 0.8 mm thick PU powder coated GPSP sheet with honeycomb kraft paper / PUF as infill, 1.2 mm thick GPSP powder coated door frames, with provisions for double glazing glass and hardwares like push plate, door closure, SS D handle, SS ball bearing butt hinges, concealed tower bolt for the double door etc.

## SPECIFICATIONS

- Fully flush surfaces with wall system
- A large variety of swing out doors
- Manual, semi - automatic and fully automatic sliding doors
- Best in class Door Hardware
- Custom dimensions available
- Heavy-duty structure for high durability



# DIFFERENT TYPES OF DOORS

- Scientific Doors
- Fire Rated Doors
- Emergency Doors
- Sliding Doors
- Roll up Doors

## INFILL

- Honey Comb Kraft
- PUF (Polyurethane Foam)
- Rock Wool



## ACCESSORIES

The major accessories required for Cleanroom construction are.



Coving



3D corner coving



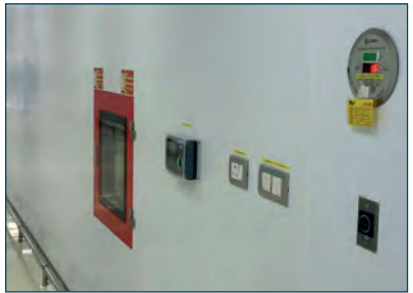
View Panels



Inbuilt Raisers



Ceiling Cutouts



Wall Cutouts

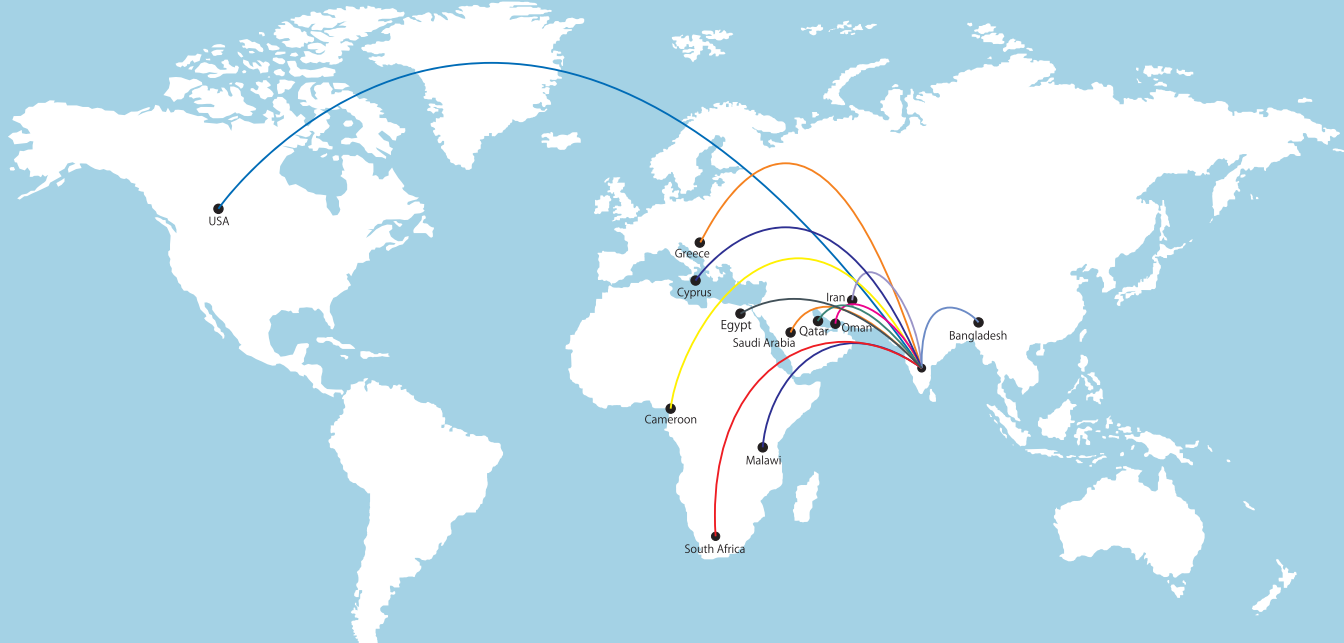
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## Global Presence



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