

**Microflow Devices India Pvt. Ltd.**<sup>®</sup>  
for Technology and Reliability



**MICROFLOW**<sup>®</sup>  
Microflow Devices India Pvt. Ltd.,



Design, Manufacture, Supply, Installation and  
Servicing of Modular Operation Theatre as per

**NABH**  
Guidelines

## PROFILE

Microflow Devices was founded by Young and Dynamic Engineers. Today due to our dedicated and sustained investments in technology we have been recognized as one of the renowned Manufacturers and Exporters of extensive range of Contamination Control Devices.

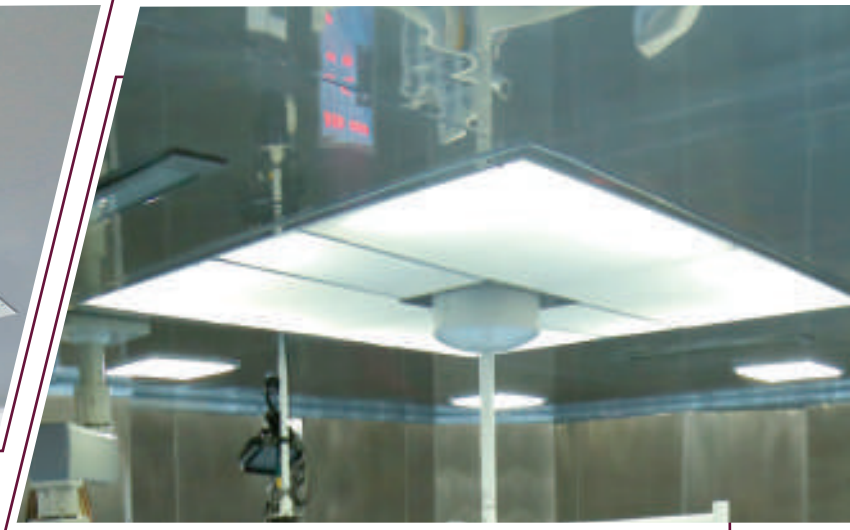
## OPERATION THEATER LAMINAR AIRFLOW :

Sterility in Operation Theater ensures Doctors and Patients to have complete protection from Life –Threatening Infections. We at Microflow design Operation theater Laminar Air flow as per NABH guidelines

### CRCA Powder Coated Laminar Flow



### Stainless Steel 304 Laminar Airflow with CG Screen



### OT with Fully Stainless Steel Panels







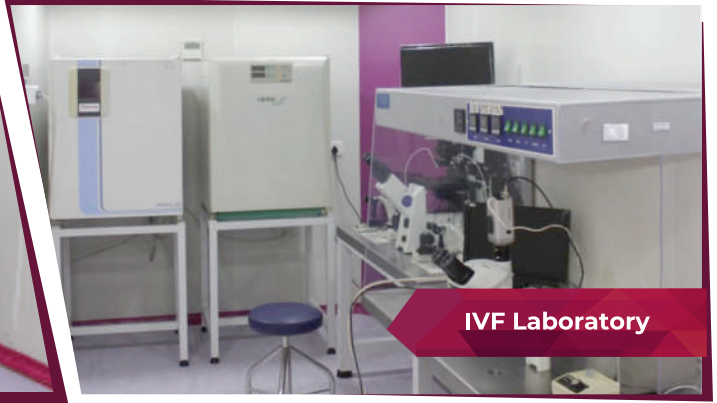
OT with Wall & Floor Vinyl



OT with P CGI Seamless Panels



OT with P CGI Panels



IVF Laboratory



# Modular OT Door



Material : Stainless steel 304 / PCGI

Skin Thickness : 0.8 mm

Infill : PUF With flush double glazing glass, hardware like door closure, D handles ball bearing butt hinges and provision for concealed automatic door bottom seal

## PENDANTS

Operation theatre pendants are used to provide all necessary services and equipment connection facilities needed in the operation theatre for Anesthesia and surgical purposed

- ▶ Single and Double arm multipurpose surgeon pendant with rotation of each arm up to 340 degrees and with a long vertical console length of 1350mm and following provisions are provided
- ▶ Multi pin electrical sockets (5X15 Amps) Medical gas outlet points
- ▶ The pendant consists of arm, Console, Monitor stands and shelves etc.,
- ▶ Optionally Shelves and drawers can be added in the unit





## SURGEON CONTROL PANEL

Surgical control panel is configured to incorporate all the surgical requirement in an Operation Theatre. It comprises the following

- ▶ Standard Clock
- ▶ Elapsed Clock
- ▶ Lighting Controls
- ▶ Telephone by others
- ▶ Medical Gas alarms
- ▶ Temperature, Humidity indications etc



## SURGICAL SCRUB

Surgical Scrubs are made with Stainless Steel 304 grade and high quality taps, sensors and other accessories. We supply customised combinations like Manual operated, Knee Operated, Sensor Operated, Elbow Operated, Single, Double or Three bay, Floor mounted or Hanging models.



## PASS BOX

Pass box is one of the clean room systems, which is used to transfer materials from lower Cleanliness area to higher Cleanliness area through controlled environment in order to avoid airborne cross contamination. Interlocking door mechanism is the prime feature of a pass box, when door at one side is open the door at other side remains closed. Ultra-Violet light is installed to remove Contamination that may enter during the transfer of materials.



**AIR HANDLING UNIT** - The Air handling Units are available in either horizontal or vertical models. Horizontal units are generally floor mounted model, however they can be installed as a ceiling suspended unit. Vertical units are also floor-mounted model. The units can be configured for different inlet and outlet locations for easy duct connection and

right or left hand configuration. Air handling Units offer a wide range of application and flexibility between the blower coil unit and the packaged units. Our AHU's are available from 1500 CFM up to 10,000 CFM, while the cooling capacities are available from 4 to 30 tons. This significantly reduces the emission of acoustic power level through the casing, enabling to keep quiet operation of our AHUs.



# OUR CLIENTS



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