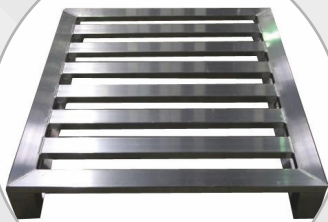




**NEEL Industrial**<sup>TM</sup>  
SOLUTIONS PVT.LTD  
*Technology for process line*

# DIVISION - CLEAN ROOM FURNITURE & ACCESSORIES



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# Clean Room Furniture and Accessories

Neel Industrial Solutions Pvt Ltd, an ISO 9001:2015 certified company, is a leading manufacturer of Clean Room Furniture and Accessories in India. Neel Industrial Solutions Pvt Ltd offers complete solutions for setting up stainless steel clean room furniture and accessories with new modern technology which are used in Food, Pharmaceuticals, Research, Chemical, Cosmetics, and Dairy Industries etc.

We manufacture clean room furniture and accessories with modern state-of-the-art manufacturing facilities fully designed to meet customer requirements. We provide customized products with different layouts and budget range as per the request of our customers.

## Product Speciation -

- All products will be customized according to design and specifications.
- Made entirely of polished finish AISI 304/316 stainless steel as required.
- Surface Finish-Matt Finish.
- All edge will be provided by machine pressing/edge binding.
- All the corners will be rounded off.
- Thickness-16/18 SWG as required.

## DYNAMIC PASS BOX:

Neel Industrial solution make Double door Dynamic pass boxes are equipped with electromagnetic interlocking device for pickup and delivery of goods to reduce the movement of person in and out of clean rooms.

Minimizes entry of Contaminants and also cross contamination into the clean rooms.

### Features:

- Hour Meter to Long timing for U.V.
- Light Electromagnetic door closure.
- High efficient fan.
- Velocity at hepa:  $90 \pm 20$  fpm.
- Cleanliness: Class 100.
- Magnehellic guage for measuring pressure drop.
- Mini Pleat Filter.



Neel Industrial Solution Make Static Pass Boxes are also available on customer requirement.

## STATIC PASS BOX:

MOC - 16 SWG SS-304 Locking Mechanical or Electromagnetic Interlocking View Panel-Double Skin Inside Coving with UV Light Finish - Matt finish Confirms to GMP rooms. Sizes as per customer requirement.

### Features:

- Cleanliness Class 100 as per federal standards Audio-visual Alarm from function of blower and pressure drop of filtration system.
- View side panel.
- Magnehellic guage for monitoring pressure drop.
- Hour meter for UV Light.
- Standard Size 6 x 4, 4 x 4' or as per Customer Requirement.



# Clean Room Furniture and Accessories

## Manhole for Process Vessel

### Description

Stainless Steel Manholes are designed for installation on process and storage vessels to allow easy access for inspection, cleaning, and maintenance.

They are fabricated in compliance with GMP and ASME-BPE standards, ensuring hygienic design and operational safety.

### Construction

- MOC: SS 304 / SS 316 / SS 316L or any special Alloy on request
- Finish: Mirror / Matt / Electropolished (Ra < 0.4 µm optional)
- Opening Mechanism: Swing arm with quick-opening clamp or hinged type
- Sealing: Silicone / EPDM gasket for leak-proof operation
- Optional Accessories: Sight glass, pressure/vacuum vent, and spray ball connection

### Features

- Available in elliptical and round configurations to suit various vessel designs
- Easy and safe operation with swing arm handle
- Hygienic, leak-proof, and corrosion-resistant construction
- Internal surface designed for easy cleaning and maintenance
- Custom sizes available as per vessel requirement



## SS Storage Tank

### Description

Stainless Steel Storage Vessels are designed for safe storage of liquids under hygienic conditions.

Available in jacketed or non-jacketed versions with multiple finish options.

### Construction

- MOC: SS 304 / SS 316 / SS 316L or any special Alloy on request
- Capacity: 10 L to 10,000 L (custom-built)
- Options: Conical / Dished / Flat bottom
- Surface Finish: Mirror / Matt / Electropolished
- Fittings: TC connections, vent filters, sight glass, and sampling valve

### Features

- Hygienic design with smooth welds and rounded corners
- Suitable for sterile and non-sterile liquids
- Easy-to-clean and maintain
- Optional trolley mounting or fixed stand design



# Clean Room Furniture and Accessories

## SS Dispensing / Sampling Booth

### Description

Provides a localized clean air environment during dispensing or sampling operations, preventing contamination and protecting operators.

### Construction

- MOC: SS 304 / SS 316 / SS 316L or any special Alloy on request
- Equipped with HEPA filter (99.97% efficiency @ 0.3  $\mu$ )
- Motor blower, UV light, and fluorescent light

### Features

- Laminar airflow ensures particle-free environment
- Low noise and vibration operation
- Compact, modular, and easy to maintain
- Monitoring and control features with pressure gauge, airflow indicator, and alarm system for continuous monitoring of booth performance.



## SS DRAIN TRAP

### Description

SS Drain Traps are specially designed for hygienic and cleanroom applications to ensure proper drainage of process or cleaning water while preventing reverse air or odor entry into the cleanroom. These traps are manufactured to maintain GMP standards and ensure smooth and contamination-free fluid discharge.

### Construction

- MOC: SS 304 / SS 316 / SS 316L or any special Alloy on request
- Design Type: Bottle Trap / U-Bend Trap / Floor Drain Trap
- Connection: TC End / Welded / Threaded (as per requirement)
- Surface Finish: Internal <math>< 0.6 \text{ Ra}</math> (Electropolished), External <math>< 0.8 \text{ Ra}</math>
- Optional: Removable top cover with perforated strainer

### Features

- Designed for hygienic drainage with easy cleaning and maintenance
- Prevents backflow of air and contaminants
- Fully drainable design with smooth, crevice-free construction
- Easy to assemble and disassemble for inspection



# Clean Room Furniture and Accessories

## Sterile Connector

The Sterile Connector, also known as an N/A Connector, is designed for aseptic connection and disconnection of process lines in sterile and hygienic applications. Engineered to meet stringent pharmaceutical and biotech process requirements, it ensures contamination-free transfer between systems.

Parameter	Details
Material of Construction	SS316L
Size Range	1", 1.5", 2"
Surface Finish	$\leq 0.38 \mu\text{m Ra}$
External Finish	Matt / Brushed
End Connection	Weld End



## Key Features

- **Robust SS316L Construction** – Ensures corrosion resistance and long service life under sterile process conditions.
- **Aseptic Crevice-Free Design** – Prevents bacterial growth and facilitates complete cleanability.
- **Secure Bolted Assembly** – Provides tight sealing under vacuum or pressure operations.
- **Smooth Internal Surface** – Achieves hygienic flow path minimizing particle retention.

## PRODUCT RANGE



SS Storage Tank



SS Dispensing/Sampling Booth



Static Pass Box



SS Manhole

# PRODUCT RANGE



8 Locker Cupboard



20 Compartment  
SS Locker



Cabinet with  
Hanging Arrangement



Crossover Bench with  
Shoe Rack



Drain Trap



Dynamic Pass-Box



Ladder with Platform



S Type Cross Over Bench



Shoe Rack



Single Sink Unit



SS 2 Sink Unit



SS 3 Sink Unit



SS Chair



SS Fix Round Stool



SS Fix Square Stool



SS Revolving Stool

# PRODUCT RANGE



SS Ladder



SS Perforated Table



SS Platform Trolley



SS Trolley with Shelves



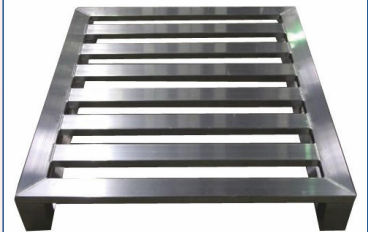
SS Cage - Trolley



Step Table



SS Table



SS Pallet



SS Hopper



Air Shower



Garment Unit



Labotatory Unit



Vessel



Weight Trolley



Canteen Table



Garment Unit

## PRODUCT RANGE



Sterile Connector



SS Manhole



SS Tray



SS Spatula



SS Canteen Table



SS Container

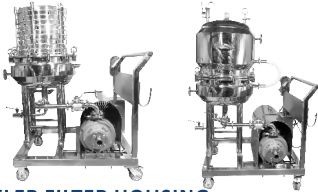


SS Scoop



SS SOP Stand

## OTHER SANITARY PRODUCTS



SPARKLER FILTER HOUSING

### DIAPHRAGM VALVE



Divert Aseptic Valve



TC CLAMP



STERILE FILTER HOUSING

### FLEXIBLE PROCESS HOSE



FLOW CONTROL VALVE



SANITARY STAINLESS STEEL FITTING

Our products are delicately built to comply with different standards, such as 3A, SMS, BS and ASME BPE to suit customer requirements.

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