# TOPLAB INDIA

## "Serving Science with Solution"

www.toplabindia.com

***Complete Laboratory Set-up***

***Laboratory Furniture***

***Clean Room Solutions***

**www.toplabindia.com | info@toplabindia.com**

# Company Profile

TOPLAB INDIA was established in 2010 with the goal delivering the best laboratory equipment and service for reliable results, since then TOPLAB has been producing top-quality Analytical and General laboratory equipment. Over the years of its successful work, the group has become one of the largest manufacturers and supplier of Laboratory Instruments, Laboratory furniture, Clean Room, Laboratory Set-up in India. Our brand TOPLAB INDIA stands for high quality, durability and remarkable performance.

Our tagline is an expression of our brand "Serving Science with Solution".

The TOPLAB INDIA product range entails an extensive range of Analytical Instruments, chromatography instruments, Spectrophotometers, Electrochemistry instruments, General Lab Instruments, Clean room equipments, Furniture etc, in addition TOPLAB INDIA also provides Complete Laboratory-Setups with clean rooms, bio-safety cabinets, Laminar Airflow, Fume Hoods, Pass Box etc. to perfectly match the laboratory requirements.

Our products are the result of our own engineering development. Having analyzed the needs of our modern laboratories, our engineers developed brand new laboratory furniture distinguished by its comfort and robustness. TOPLAB INDIA Company is constantly working to improve its laboratory furniture and equipments investing in development and manufacturing of new models using the latest technologies and materials.

Our employees have many years' experience in scientific laboratories. We are always ready to answer all the questions and help you to choose lab furniture you need or create design for your laboratory facilities. Besides, we provide such additional services as supervised installation and after-sales service of the lab furniture. Our engineers take into account all the customer preferences and design features when developing new products.

## LABORATORY BENCH

Laboratory bench is designed for work space arrangement and equipment mounting during physical and chemical researches. The laboratory bench can be selected with various dimensions and worktop materials. The worktop can be loaded with up to 300 kg. The worktop width can be increased up to 850 mm for shelves installation.

Laboratory benches can be completed with a standing unit, standing unit with a bench, shelves and mobile cabinets. The laboratory benches stand on adjustable feet. Supplied non-assembled.

### Laboratory bench 1500×600×850

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0496.00.04 | Laboratory bench 1500×600×850 | White laminate | 33 |
| 56.0496.00.14 | Laboratory bench 1500×600×850 | Gray laminate | 33 |
| 56.0496.00.08 | Laboratory bench 1500×600×850 | Labgrade | 39 |
| 56.0496.00.18 | Laboratory bench 1500×600×850 | Labgrade-light | 36 |
| 56.0496.00.13 | Laboratory bench 1500×600×850 | Ceramic granite | 46 |
| 56.0496.00.03 | Laboratory bench 1500×600×850 | Ceramics | 46 |

### Laboratory bench 1500×850×850

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0496.01.04 | Laboratory bench 1500×850×850 | White laminate | 40 |
| 56.0496.01.14 | Laboratory bench 1500×850×850 | Gray laminate | 40 |
| 56.0496.01.03 | Laboratory bench 1500×850×850 | Ceramics | 53 |
| 56.0496.01.13 | Laboratory bench 1500×850×850 | Ceramic granite | 53 |
| 56.0496.01.08 | Laboratory bench 1500×850×850 | Labgrade | 48 |
| 56.0496.01.18 | Laboratory bench 1500×850×850 | Labgrade-light | 43 |

**Standard complete set:**
Frame, worktop.
It's possible to install shelves on the worktop.

### Laboratory bench including 2 drawers and electrical equipment 1500×600×850

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0486.00.04 | Laboratory bench (2 drawers and electrical equipment) 1500×600×850 | White laminate | 43 |
| 56.0486.00.14 | Laboratory bench (2 drawers and electrical equipment) 1500×600×850 | Gray laminate | 43 |
| 56.0486.00.08 | Laboratory bench (2 drawers and electrical equipment) 1500×600×850 | Labgrade | 49 |
| 56.0486.00.18 | Laboratory bench (2 drawers and electrical equipment) 1500×600×850 | Labgrade-light | 46 |
| 56.0486.00.13 | Laboratory bench (2 drawers and electrical equipment) 1500×600×850 | Ceramic granite | 50 |
| 56.0486.00.03 | Laboratory bench (2 drawers and electrical equipment) 1500×600×850 | Ceramics | 50 |
| XX XXX XX XX-01 | Supplied pre-assembled | | |

**Standard complete set:**
2 drawers, 2 splash-proof sockets, electrical break automat 10A, connector cord (2m length)

# LABORATORY BENCH

## Laboratory bench including 2 drawers and electrical equipment 1200×850×850

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0487.01.04 | Laboratory bench including 2 drawers and electrical equipment 1200×850×850 | White laminate | 45 |
| 56.0487.01.14 | Laboratory bench including 2 drawers and electrical equipment 1200×850×850 | Gray laminate | 45 |
| 56.0487.01.08 | Laboratory bench including 2 drawers and electrical equipment 1200×850×850 | Labgrade | 52 |
| 56.0487.01.18 | Laboratory bench including 2 drawers and electrical equipment 1200×850×850 | Labgrade-light | 48 |
| 56.0487.01.13 | Laboratory bench including 2 drawers and electrical equipment 1200×850×850 | Ceramic granite | 56 |
| 56.0487.01.03 | Laboratory bench including 2 drawers and electrical equipment 1200×850×850 | Ceramics | 56 |
| XXXXXXXXX-01 | Supplied pre-assembled | | |

**Standard complete set:**
frame assembly, worktop, 2 drawers, 2 sockets, electrical break automat, connector cord

## Laboratory bench with 2 drawers and electrical equipment

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0492.11.08-01 | Standing unit with water inlet 1200×250×1300 + shelf with lighting unit and 2 sockets | Labgrade | 31 |
| 56.0492.11.02-01 | Standing unit with water inlet 1200×250×1300 + shelf with lighting unit and 2 sockets | Durcon | 34 |
| 56.0492.11.06-01 | Standing unit with water inlet 1200×250×1300 + shelf with lighting unit and 2 sockets | Stainless steel | 28 |

Standing unit base is supplied pre-assembled.
Shelf is supplied non-assembled.
Water inlet is installed by a customer.

## AUXILIARY TABLE

### Writing table

Table height, mm - 750
Worktop width, mm - 600

Writing tables stand on adjustable feet for floor unevenness compensation.
Supplied non-assembled.

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0501.00.04 | Writing table 1200×600×750 | White laminate | 29 |
| 56.0501.00.14 | Writing table 1200×600×750 | Gray laminate | 29 |
| 56.0501.00.08 | Writing table 1200×600×750 | Labgrade | 36 |

### Computer table

All computer tables include support for computer system unit and sliding tray for keyboard.

Height, mm - 750
Worktop width, mm - 600
Computer tables stand on adjustable feet for floor unevenness compensation.
Supplied non-assembled.

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0526.00.04 | Computer table 850×600×750 | White laminate | 30 |
| 56.0526.00.14 | Computer table 850×600×750 | Gray laminate | 30 |
| 56.0526.00.08 | Computer table 850×600×750 | Labgrade | 35 |

### Mobile table

Mobile tables are intended for transportation and storage of consumable and auxiliary materials.

Supplied either pre-assembled or non-assembled.

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0527.00.04 | Mobile table 600×550×640 | White laminate | 15 |
| 56.0527.00.14 | Mobile table 600×550×640 | Gray laminate | 15 |
| 56.0527.00.08 | Mobile table 600×550×640 | Labgrade | 17 |
| 56.0527.00.00 | Mobile table 600×550×640 | Steel | 13 |
| XXXXXXXX-01 | Provided pre-assembled | | |

### Laboratory cabinet with electrical equipment and 2 drawers + 4 wide drawers

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0488.00.04-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | White laminate | 87 |
| 56.0488.00.14-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Gray laminate | 87 |
| 56.0488.00.08-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Labgrade | 92 |
| 56.0488.00.18-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Labgrade-light | 90 |
| 56.0488.00.02-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Durcon | 97 |
| 56.0488.00.12-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Durcon | 99 |
| 56.0488.00.06-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Stainless steel | 87 |
| 56.0488.00.13-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Ceramic granite | 95 |
| 56.0488.00.03-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Ceramics | 95 |

# AUXILIARY TABLE

## Side table

Side tables are intended to form additional worktop for laboratory benches.
Height, mm - 850

The side tables stand on adjustable feet for floor unevenness compensation.
Supplied non-assembled.

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0494.00.04 | Side table 600×600×850 | White laminate | 17 |
| 56.0494.00.14 | Side table 600×600×850 | Gray laminate | 17 |
| 56.0494.00.08 | Side table 600×600×850 | Labgrade | 20 |
| 56.0494.00.18 | Side table 600×600×850 | Labgrade-light | 19 |
| 56.0494.00.13 | Side table 600×600×850 | Ceramic granite | 21 |
| 56.0494.00.03 | Side table 600×600×850 | Ceramics | 21 |

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0494.01.04 | Side table 600×850×850 | White laminate | 20 |
| 56.0494.01.14 | Side table 600×850×850 | Gray laminate | 20 |
| 56.0494.01.08 | Side table 600×850×850 | Labgrade | 24 |
| 56.0494.01.18 | Side table 600×850×850 | Labgrade-light | 22 |
| 56.0494.01.13 | Side table 600×850×850 | Ceramic granite | 26 |
| 56.0494.01.03 | Side table 600×850×850 | Ceramics | 26 |

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0495.01.04 | Side table 850×850×850 | White laminate | 26 |
| 56.0495.01.14 | Side table 850×850×850 | Gray laminate | 26 |
| 56.0495.01.08 | Side table 850×850×850 | Labgrade | 31 |
| 56.0495.01.18 | Side table 850×850×850 | Labgrade-light | 29 |
| 56.0495.01.13 | Side table 850×850×850 | Ceramic granite | 33 |
| 56.0495.01.03 | Side table 850×850×850 | Ceramics | 33 |

## Balance table

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0369.00.09-01 | Balance table with a drawer 630×450×750 ГР<br>White table frame | Granite | 68 |
| 56.0369.03.09-01 | Balance table with a drawer 630×450×900 ГР<br>White table frame | Granite | 72 |

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0498.00.04 | Balance table with side table 1200×600×750 | Granite + white laminate | 30+65 |
| 56.0498.00.14 | Balance table with side table 1200×600×750 | Granite + gray laminate | 30+65 |
| 56.0498.00.08 | Balance table with side table 1200×600×750 | Granite + Labgrade | 35+65 |

# LABORATORY CABINET WITH 2 DRAWERS AND ELECTRICAL EQUIPMENT

## Laboratory cabinet with electrical equipment and 2 drawers + 4 drawers + 4 drawers

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0489.00.04-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | White laminate | 87 |
| 56.0489.00.14-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Gray laminate | 87 |
| 56.0489.00.08-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Labgrade | 92 |
| 56.0489.00.18-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Labgrade-light | 90 |
| 56.0489.00.02-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Durcon | 97 |
| 56.0489.00.12-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Durcon | 99 |
| 56.0489.00.06-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Stainless steel | 87 |
| 56.0489.00.13-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Ceramic granite | 95 |
| 56.0489.00.03-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 4 drawers | Ceramics | 95 |

## Laboratory cabinet with electrical equipment and 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0489.10.04-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | White laminate | 94 |
| 56.0489.10.14-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Gray laminate | 94 |
| 56.0489.10.08-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Labgrade | 99 |
| 56.0489.10.18-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Labgrade-light | 97 |
| 56.0489.10.02-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Durcon | 104 |
| 56.0489.10.12-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Durcon | 106 |
| 56.0489.10.06-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Stainless steel | 94 |
| 56.0489.10.13-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Ceramic granite | 102 |
| 56.0489.10.03-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 drawers + 1 small-sized drawer and 1 large-sized drawer | Ceramics | 102 |

## Laboratory cabinet with electrical equipment and 2 drawers + 4 wide drawers

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0488.00.04-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | White laminate | 87 |
| 56.0488.00.14-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Gray laminate | 87 |
| 56.0488.00.08-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Labgrade | 92 |
| 56.0488.00.18-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Labgrade-light | 90 |
| 56.0488.00.02-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Durcon | 97 |
| 56.0488.00.12-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Durcon | 99 |
| 56.0488.00.06-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Stainless steel | 87 |
| 56.0488.00.13-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Ceramic granite | 95 |
| 56.0488.00.03-01 | Cabinet with electrical equipment 1200×600×850 2 drawers + 4 wide drawers | Ceramics | 95 |

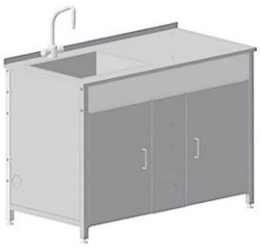
# LABORATORY SINK BENCH

## Sink bench (2 sinks) 800×600×850

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0406.00.06-01 | Sink bench 800×600×850 with 2 sinks, mixer tap | Stainless steel | 65 |

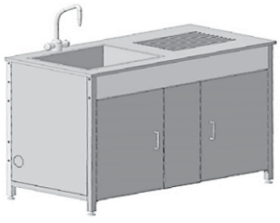
## Sink bench 1200×600×850

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0533.00.06-01 | Sink bench 1200×600×850 left sink | Stainless steel | 85 |
| 56.0533.01.06-01 | Sink bench 1200×600×850 left sink | Stainless steel | 85 |



## Sink bench (2 sinks) 1200×600×8500

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0533.10.06-01 | Sink bench 1200×600×850 left sink | Stainless steel | 85 |
| 56.0533.11.06-01 | Sink bench 1200×600×850 left sink | Stainless steel | 85 |



## Sink bench (1 sink) 1200×600×850

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0533.00.01-01 | Sink bench 1200×600×850 left sink | Fiber-reinforced plastic | 80 |
| 56.0533.01.01-01 | Sink bench 1200×600×850 right sink | Fiber-reinforced plastic | 80 |
| 56.0533.00.02-01 T | Sink bench 1200×600×850 1 sink, mixer tap TOF | Durcon | 100 |

## Sink bench 1200×600×850 with 2 sinks and mixer tap

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0533.10.02-01 T | Double sink bench 1200×600×850 2 sinks, mixer tap TOF | Durcon | 100 |
| 56.0533.10.01-01 | Double sink bench 1200×600×850 with 2 sinks | Fiber-reinforced plastic | 80 |

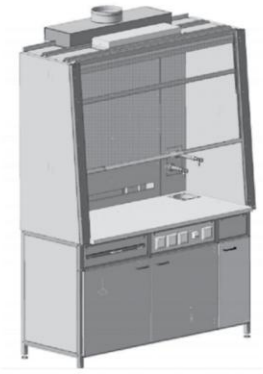
# FUME CUPBOARD WITH WATER INLET

Fume cupboard is intended for safe working with volatile hazardous substances by exhaust of fumes, heavy gases, particle of liquids, etc.

Fume cupboard is fitted with lift impact-resistant shield (triplex glass).

Maximum lift height of the shied - 675 mm.

Fume cupboard stands on adjustable rests.



## Fume cupboard with water inlet and electrical equipment

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0500.05.03-01 | Fume cupboard with water inlet and electrical equipment 1500×750×2250 | Ceramics | 350 |
| 56.0500.04.02-01 T | Fume cupboard with water inlet and electrical equipment 1500×750×2250 tap tof | DURCON | 355 |
| 56.0500.06.08-01 | Fume cupboard with water inlet and electrical equipment 1500×750×2250 | Labgrade | 350 |
| 56.0500.07.06-01 | Fume cupboard with water inlet and electrical equipment 1500×750×2250 | Stainless steel | 345 |

## Fume cupboard with water inlet and explosion-proof electrical equipment

| PRODUCT CODE | ITEM AND DIMENSIONS (L X W X H) | WORKTOP MATERIAL | WEIGHT, KG, NO MORE THAN |
|---|---|---|---|
| 56.0500.14.03-01 | Fume cupboard with water inlet and explosion-proof electrical equipment 1500×750×2250 | Ceramics | 350 |
| 56.0500.13.02-01 T | Fume cupboard with water inlet and explosion-proof electrical equipment 1500×750×2250 tap tof | DURCON | 355 |
| 56.0500.15.08-01 | Fume cupboard with water inlet and explosion-proof electrical equipment 1500×750×2250 | Labgrade | 350 |
| 56.0500.12.06-01 | Fume cupboard with water inlet and explosion-proof electrical equipment 1500×750×2250 | Stainless steel | 345 |

# CLEAN ROOM MODULAR PANEL & DOORS

TOPLAB Clean room Modular Panel System is specifically designed for aesthetic look and achieving project timelines while maintaining modular flexibility. The system offers progressive and non progressive designs to suit your needs. We have taken the utmost care in offering our clients a wide range of options in panel thickness. The modular false ceilings are suspension type with walk on or non-walk on design as per requirement.
Both our wall panels / ceiling are inert, non particle shedding, forming part of a clean room aseptic envelope to enable conformity with FDA validation procedures and International standards.

## General Specifications

**Panel Thickness:** 50mm, 75mm & 100mm

**Panel Width:** 1200mm

**Insulation:** PUF / Rockwool / PIR / Paper Honeycomb / EPS

**Sheet Thickness:** 0.6/0.8/1.0mm

**Sheet Finish:** BCGI / PPGI / SS

**Panel Connection:** Aluminium interconnecting profile

**Glazing:** Flush 5mm toughened glass on both sides

**Door:** PCGI Single / Double steel lock formed construction

**Coving:** 501 Degree radius aluminium snap fit

# HVAC

TOPLAB INDIA is adept at designing and cooking up the right “Heating, Air conditioning and Ventilation” system for your clean room operation in a broad diversity of manufactures. When it comes to Clean room it's all about contaminants and environment control. The nasty "C” word lurks everywhere. Contaminants invisible to the eye can wreak havoc on product yield and integrity if not controlled.

The Design, Installation, Commissioning, and Qualification of clean room HVAC systems is one of the top considerations in many industries, particularly for pharmaceutical & biotechnology manufacturing facilities. With these conditions in mind, TOPLAB designs a compliant system to help maintain clean environment by allowing the appropriate volume of clean air into each room.

## Industries we serve

- **Sterile**
- **Oncology**
- **Bulk Drugs**
- **OSD**
- **Biotech**
- **LVP/SVP**
- **R & D Labs**

# VALIDATION

TOPLAB INDIA offers a complete Clean room validation process to ensure that your controlled environment is performing as per user specifications. All testing, reports and certification is regulated by our operating process which constitute part of our Quality Manual.
Any parameter outside the allowable range will be reported immediately and strategies and measures will be put in position to correct abnormal activity.

**TOPLAB Clean room testing services includes:**

- **Air Velocity Measurement**
- **DOP/PAO HEPA Filter Integrity Test**
- **Particle Count Test.**
- **Room Pressurization Test**
- **Airflow Visualization Test**
- **Light Intensity Test**
- **Air Exchange Rate**
- **Containment Test**
- **Recovery Test**
- **Temperature and Humidity Test**

# STATIC PASS BOX

TOPLAB (SPB) is customized to allow material to transfer without much personnel movement. It also aids controlling ingress of particulate contaminants into clean room between different classified areas. Static Pass Boxes |Ventilated Pass Boxes is widely is used for transferring the material from and into the clean room, without contaminating the air of clean room and without having to open room door. These clean room pass boxes can be installed on the wall between the clean room and other room.

| Standard Models | Work Area Dimension (L X W XH) |
|---|---|
| SPB-18-18-18 | 450 x 450 x 450 mm |
| SPB-24-24-24 | 610 x 610 x 610 mm |
| Power Supply: 230V AC 1- Ø 50HZ | |
| MOC : SS 304/ SS 316/ SS 316 L | |

## General Specifications

- **Flush Double walled Construction with**
- **Internal coving.**
- **Flush Doors with double walled flush glass**
- **View panels with Interlocking.**
- **Feather touch Door Release Switch on**
- **either side & interlocking arrangement to put off U.V. light if either door opens**

## Options & Accessories

- **Provision for ventilation with perforated grille**
- **U. V. Light with Hour meter**
- **Flange for sealing the gap between the pass box and the clean room wall**

# DYNAMIC PASS BOX

TOPLAB (DPB) is designed to allow material transfer through controlled environment without much personnel movement. It also aids controlling ingress of particulate contaminants into clean room & between different classified areas. This is essentially installed to minimize movement of personnel for transfer of material into and from the clean room.

| Standard Models | Work Area Dimension (L X W XH) |
|---|---|
| DPB-18-18-18 | 450 x 450 x 450 mm |
| DPB-24-24-24 | 610 x 610 x 610 mm |
| Power Supply: 230V AC 1- Ø 50HZ | |
| MOC : SS 304/ SS 316/ SS 316 L | |

**Operating Conditions**

Air cleanliness: ISO Class 5 (ISO 14644-1:1999 (E))
Air Velocities: 0.45± 0.05mps
Light Intensity: >300 lux

## General Specifications

- **Two Stage filtration**
- **Doors with double walled flush glass view panels and coving.**
- **ON/OFF Switch for Motor**
- **DOP Test Port**
- **Feather touch Door Release Switch on either side & interlocking arrangement to put off U.V. light if either door opens**

## Options & Accessories

- **U. V. Light with Hour meter**
- **Support Stand to mount the Pass Box**
- **Floor mounted construction with three side wall structure & Door Drop Seal**
- **230V AC 1- Ø 50HZ**

# HORIZONTAL LAMINAR AIR FLOW UNIT

TOPLAB (HLAF) is suitable for the handling of non hazardous products, sensitive to dust and to avoid contamination in facilities such as injectable medicines, cell and tissue cultures, etc.
Horizontal Laminar Air Flow Workstation is designed specifically for highest product protection by providing ISO Class 5 particle free work area for handling critical process. The Laminarity of the flow prevents cross contamination between the items handled in the working space.

**PRODUCT CHARACTERISTICS:**

- The shell is made of quality cold-rolling steel with static spray plastics, the operation table is made of SS304 which is corrosion-resistant and easy to clean;
- Centrifugal fan which has steady rotate speed and low noise;
- LCD control system, touch type switch, six steps of wind speed control;
- Be equipped with UV light and lamp control, timer range of sterilization is 0-999min;
- Open-type front window can prevent the air outside from permeating and keep the operation area clean;
- Both sides are organic glass which is transparent and durable;
- Be equipped with HEPA, the pre-filter is set as the medium efficiency filter system to extend HEPA's life.

| Standard Models | Work Area Dimension (L X W XH) |
|---|---|
| HLAF-36-24-24 | 915 x 610 x 610 mm |
| HLAF-48-24-24 | 2210 x 610 x 610 mm |
| Power Supply: 230V AC 1- Ø 50HZ | |
| MOC : SS 304/ SS 316/ SS 316 L | |

**Operating Conditions**

Air cleanliness: ISO Class 5 (ISO 14644-1:1999 (E))
Air Velocities: 0.45± 0.05mps
Light Intensity: >300 lux

# VERTICAL LAMINAR AIR FLOW UNIT

TOPLAB (VLAF) is suitable for handling of non hazardous products, sensitive to dust and / or to contamination, wherever operator protection is not required. The Laminar Air Flow cabinets are used for work with low risk substances and materials, when protection of working material from environment is required or work with item requires a sterile working zone.

| Standard Models | Work Area Dimension (L X W XH) |
|---|---|
| VLAF-36-24 | 1015 x 760 x 685 mm |
| VLAF-48-24 | 1320 x 760 x 685 mm |
| Power Supply: 230V AC 1- Ø 50HZ | |
| MOC : SS 304/ SS 316/ SS 316 L | |

**Operating Conditions**

Air cleanliness: ISO Class 5 (ISO 14644-1:1999 (E))
Air Velocities: 0.45± 0.05mps
Light Intensity: >300 lux

## General Specifications

- **Two Stage filtration**
- **SS 304 work table with due reinforcement**
- **Glass / polycarbonate side panels**
- **Fluorescent Light with Milky White Diffuser**
- **Clean Down Timer with Operation Hold Indicator**
- **DOP Test Port**
- **5/15 Amp Switch Socket for external equipment**

## Options & Accessories

- **Double skin solid side panels with/without view windows**
- **Stainless steel perforated grille for supply**
- **HEPA Filters**
- **Front Anti Static PVC Curtains (for warehouse applications)**
- **SS 304 Stand alone table for keeping Weighing Scale**
- **Velocity display with alarms (audible and visible)**
- **Filter blocked alarms(audible and visible)**
- **PLC based Control System**

TOPLAB INDIA
"Serving Science with Solution"

**Product by:**


## TOPLAB INDIA

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