



SUNIL BROTHERS

(An ISO 9001:2015 Certified Company)



MANUFACTURES & EXPORTERS OF

ALL TYPES OF LAB & PHARMA EQUIPMENT

**LAMINAR AIR FLOW, BIO SAFETY, FUME HOOD, DESPENSING BOOTH,
PASS BOX, AIR SHOWER, WAX BLOCK, SLIDE CABINET & B.O.D. ETC.**

COMPANY PROFILE

Why Us?

Post our incorporation in 1988, we, Sunil Brothers, kept working with absolute dedication and benefitting our clients to the fullest. It helped us in earning a huge clientele for ourselves in the market. With our hard work, we became the number one in eyes of medical experts, industrial experts, pharma companies, Hospitals and scientists. We aspire to become more popular in the future years to become the leading name on the global scale by constantly offering top class Laboratory Instruments, Scientific Instruments, Laboratory Clean Room Equipment, Heating & cooling Equipments etc.

Some of the reasons which go in our favor are :

- ★ State-of-the-art manufacturing unit
- ★ Proficient team
- ★ Customization facilities
- ★ On time delivery
- ★ Cost effective products

LAMINAR AIR FLOW



VERTICAL



HORIZONTAL

Technical Specification :

- | | |
|--|--------------------------------------|
| 1. AIR CLEANLINESS : ISO CLASS / CLASS 100 | 8. DIFFERENTIAL PRESSURE GUAGE |
| 2. AIR VELOCITY : 90 ± 20 FPM | 9. MICROPROCESSOR DIGITAL CONTROLLER |
| 3. AIR FLOW : HORIZONTAL / VERTICAL | 10. AUXILIARY POWER SOCKET 5/15 AMP |
| 4. POWER SUPPLY : 230V AC , 50 HZ | 11. DOP PORT |
| 5. EU5 PRE FILTER (95% DOWN TO 5 MICRON) | 12. NOICE LEVEL 65 DB |
| 6. STATIC AND DYNAMIC BALANCE MOTER | 13. DO,IQ,OQ DOCUMANTION |
| 7. LED LIGHTS AND UV-C LIGHT | |

BIO SAFETY CABINET - (Class II -A2 / B2)

SUNIL BROTHERS is India's leading Biosafety cabinet company, which manufactures and supplies most reliable, durable and energy efficient Biosafety Cabinets. These Biosafety Cabinets provide higher level of protection to operator, environment and samples. Our Biosafety Cabinets are available in 4 different sizes (2ft, 3ft, 4ft, and 6 ft), designed as ducted or recirculating type and offer unique safety features. There are various design options and accessories available in order to make a Biosafety Cabinet adaptable to almost every application. Each Biosafety Cabinet is factory tested and delivers full value of Your money, while remaining reasonable in price.

CLASS-II BIO SAFETY CABINETS :

are designed to provide protection to operator, environment and materials inside the workspace. Biosafety Cabinets are utilized for containing low-to-moderate risk biohazardous materials. These Biosafety Cabinets have downward airflow and HEPA filters that recirculate air providing required level of protection from microorganisms and aerosols. As these Biosafety Cabinets are extensively used in drug preparation, covid 19 testing chemotherapy Preparation, clinical research, medical and pharmaceutical sectors, life science and industrial laboratories etc. it must follow relevant application specific standards.



CLASS-II BIO SAFETY TYPE A2 : This type of Class II BSC, approximately 70% of the HEPA filtered air circulated through the cabinet, while 30% passes through an exhaust HEPA filter and is discharged.

BIO SAFETY CABINET CLASS 2 TYPE B2 : It is total exhaust type BSC, no re-circulation inside workspace, blower exhausts 100% of the filtered air.

MAKE	:	MILD STEEL/STAINSTEEL
WORKING CHAMBER	:	STAINLESS STEEL 304
HEPA FILTER	:	0.3 UM
PRE FILTER	:	10UM
NOISE LEVEL	:	<65DB
CONTROLLER	:	DIGITAL WITH DISPLAY
UV LIGHT	:	PHILIPS OR EQUALIENT
LIGHT	:	LED LIGHT

OPTIONAL : MAGNEHALIC / ANALOGUE / DIGITAL GUAGE / MOTORISED DOOR / IQ / PQ / OQ / DQ

CHEMICAL STORAGE CABINETS

PRODUCT DESCRIPTION :

1. Brief introduction of file cabinets:
2. Yellow for flammable liquids
3. Red for combustible liquids
4. Blue for corrosive

Features of SB Chemical storage cabinets :

1. SB safety cabinet is designed with double-deck steel plate structure, having a gap of 40mm to maximize the fireproof capability.
2. High quality cold roll steel plate used to intensify the shield of cabinet for a better fireproof function.
3. The leak-proof liquid cell at the bottom of cabinet with the height of 50mm could greatly prevent the chemical liquid from leak out.
4. With special corrosion-proof and leak-proof galvanized shelf. The maximum load can up to 400lbs(180kg).
5. Durable and non-lead epoxy resin paint is painted both sides to maximize the anti-chemical ability.
6. clear and corrosion-proof label sticker on the cabinet.
7. Dual vents with built-in flash arresters strategically installed at both sides of the Cabinet.



FUME HOOD

Laboratory Hoods are offered in size of 3, 4', 6' and 8' widths so their dimensions exactly match standard laboratory casework. Choose from hoods designed to be used with a remotely-located blower or hoods that include a built-in blower/roof mounted blowers . The design of ESCOLABS Fume Hood provides you with maximum safety at minimum cost.

Incorporating standard options, such as combination sashes and sash stops, allows you to maintain face velocities while exhausting less air. Hence, the Fume Hood costs less to operate than other conventional units. Large 18 " sash opening offers superior viewing. Vertical-rising tempered safety glass sash is anti-racking for smooth operation. Color-coded service fixtures for gas, air, water, vacuum and other services have remote controls for use regardless of the sash position. Three service fixtures are pre-plumbed on fixture models



PASS BOX

DYNAMIC PASS BOX AND STATIC PASS BOX

Dynamic pass boxes are designed in conformation to the international standards and are used for transferring the material from and into the classified clean room without contaminating the air of clean room. In process room door is not require to open, these can be easily installed on the wall between the classified room and unclosed room.

Technical Specification (Dynamic) :

1. AIR CLEANLINESS : ISO CLASS / CLASS 100
2. AIR VELOCITY : 90 ± 20 FPM (FLOW VERTICAL)
3. POWER SUPPLY : 230V AC , 50 HZ
4. LED & UV-C LIGHTS (interlocked With Door)
5. DIFFERENTIAL PRESSURE GAUGE
6. DOOR OPENING MICROPROCESSOR DIGITAL CONTROLLER
7. D.O.P. PORT (Dynamic only)
8. DO, IQ, OQ DOCUMANTION

Technical Specification (Static) :

4. LED & UV-C LIGHTS (interlocked With Door)
6. DOOR OPENING MICROPROCESSOR DIGITAL CONTROLLER
8. DO, IQ, OQ DOCUMANTION



DYNAMIC PASS BOX



STATIC PASS BOX

CEILING SUSPENDED LAMINAR AIR FLOW UNIT

For protection for sterile/Filling machine in the pharmaceutical industries used where bacteria and particle can have destructive effect on the final product. The unit is supplied either to be mounted in the ceiling 4 adjustable chain.

Technical Specification :

1. AIR CLEANLINESS : ISO CLASS / CLASS 100
2. AIR VELOCITY : 0.45 ± 0.05 mps (90 ± 20 FPM)
3. AIR FLOW : VERTICAL
4. POWER SUPPLY : 230V AC , 50 HZ
5. DIFFERENTIAL PRESSURE GAUGE OPTIONAL
6. ON/OFF SWITCHES
7. D.O.P. PORT
8. DO, IQ, OQ DOCUMANTION



AIR SHOWER

Prefabricated modular air shower enclosure used for removing surface particle from person prior to entering a contamination controlled environment. Air Shower are constructed.

Technical Specification :

1. AIR CLEANLINESS : ISO CLASS 8 / CLASS 1 LACH
2. AIR VELOCITY : 15 ± 5 MPS
3. AIR FLOW : HORIZONTAL/VERTICAL
4. NOISE LEVEL : MINIMUM
5. VIBRATION LEVEL : MINIMUM
6. POWER SUPPLY : 440V AC, 50 HZ
7. MOC : GI POWER COATED/SS-304/SS-316/COMBINATION
8. EU7-INTERMEDIATE FILTER (95% DOWN TO 0.3 MICRON)
9. EU14-HEPA FILTER-SUPPLY (99.999% DOWN TO 0.3 MICRON)



SAMPLING AND DISPENSING BOOTH

Sampling & Dispensing Booth are overhead air modules that work on the principle of laminar air flow with HEPA filters and pre-filters. It is used for preventing powder contamination while filling, weighing and sampling/dispensing of raw material. It utilizes downward draught air flow technique to prevent airborne dust from harming the operator or contaminating the surrounding environment. While refilling, weighing, extracting, mixing or sampling of hazardous drugs compounds or raw materials in powdered form, sampling booths utilizes downward air pull or reverse laminar air flow technique which pulls the air away from the operator or user, through pre-filters installed at rear-walls which efficiently traps powders or particulate contamination or toxic compounds and recirculates air through ceiling mounted HEPA filters, which are designed to operate at a very high efficiency. (Generally HEPA Filters rated at 99.99% efficiency at 0.3 microns are used to cleanse the recirculated air.)



STANDARD CONSTRUCTION DIMENSIONS :

ESCOLAB constructs standard products and can personalize solutions based on the customers requirements.

1. Height is 2250 / 2500 mm
2. Width (tailored design) : 6 ft x 6 ft , 4ft x 4ft , 6ft x 4ft or as required .
3. The unit is fitted with adequate light of 400 Lux minimum or as needed by client
4. Flexible polyester curtains.
5. Cleanliness: Class 100
6. MOC: SS 304/316
7. HEPA Filter: Minipleat HEPA filters down to 0.3micron particle size at an efficiency of 99.997% duly tested on DOP Aerosol method.
8. Make 304 / 316

HORIZONTAL SLIDE CABINET

PRODUCT DESCRIPTION :

1. Sunil Brothers are manufacturer of Slide Cabinet that are safe and easy to handle.
2. Manufactured using optimum quality GI sheet duly powder coated
3. Further, Unbreakable slide tray for holding 75mm x 25mm slide.
4. Arranged separately to as not to disturb other compartment while taking out or putting in slides.
5. Our range is well known for its study construction and available in various sizes and specifications.



CAPACITY :

1000 slides , 2000 slides , 5000 slides , 10000 slides , 20000 slides other sizes available on demand.

VERTICAL SLIDE CABINET

PRODUCT DESCRIPTION :

We bring forth an impeccable gamut of Micro Slide Cabinet .These are safe and easy to easy to store 75 x 25 mm slides. Manufactured using optimum quality CRC mild steel sheet. The offered range is Powder Coating painted and have smooth working doors fitted with handle and locking system is provided. For keeping 75x25mm slide in vertical position one after other. The cabinet has 90X 450 X 90 mm drawer having 3 compartments in each drawers and keep slide in close pack manner vertical position. Each compartment Capacity 350 APPROX Slides moves in a slot and is completely removable for easy lifting. The cabinet accommodates maximum number of slide for optimum space utilization. Complete with lock and key.



TISSUE WAX CASSETS STORAGE CABINET

Block cabinet made of CRC mild steel duly powder coated. Internal drawers are also of M/s duly powder coated painted each drawer having 12 compartments with capacity of 34 tissue embedded cassette in each compartment approximately. Index card folders and handles are provided on each drawer. Cabinet has smooth door opening for dust free storage. Handle with lock key. Caster wheel easy movement.



**ALSO AVAILABE IN
WOODEN & STAINLESS STEEL**

Cassets

TISSUE WAX BLOCK CABINET

BLOCK CABINETS made of CRC mild duly Power Coating painted the internal drawers are also made of M/s CRC duly Powder Coating painted having compartments with each drawer capacity of 500 blocks approximately each drawer.

Capacity : 5000, 10000, 20000, 25000, 50000, 100000 block



Block



**ALSO AVAILABE IN
WOODEN & STAINLESS STEEL**

HEBARIUM CABINET

For keeping botanical specimens securely placed in herbarium sheets. Cabinet frame of 19mm plyboard with melamine lamination Hinged MDF baton to collectively lock the drawers or provided with hinged door. Drawer frame of MDF with MDF sheet bottom lifted with puller knob and index card holder. Phosphor bronze clip provided inside drawer for keeping herbarium sheets in position. Drawers Finished in spirit Polish. Drawer Size 45x37x8cm.



GARMENT STORAGE CABINET

ESCOLAB Garment Storage Cabinet self standing providing down flow clean air to clean room Garments. Recommended in change rooms. Suitable for Pharmaceutical, Hospital and O/T, Electronic Industry etc. Supplied complete with Hepa & Pre filter, Motor Blower. Static Pressure Manometer & Built in U.V. Germicidal Light.

Technical Specifications:-

MODEL	3	4
STANDARD SIZE	3' x 2' x 5'	4'x 2'x5'
HEPA FILTER	1	1
OTHER SIZES CAN BE FABRICATED ON DEMAND		



GROSSING STATION

PRODUCT DESCRIPTION :-

Grossing workstation is totally eliminating IS 304 Grade Stainless Steel construction means a more Durable, longer-lasting finish. All workstations are factory-fitted with exhaust duct work that can be connected to any in-house ventilation system. Our unique Back-Draft ventilation system removes hazardous fumes, vapors and odors from the work area, so you can be assured you're working in a safe environment. The workstation is made of top-to-bottom stainless steel construction will withstand the harshest laboratory disinfectants.

Model No:	Workstation Inner Size
SB-GS-3	W 36" x D 24" x H 32"
SB-GS-4	W 48" x D 24" x H 32"
SB-GS-5	W 60" x D 24" x H 32"
SB-GS-6	W 72" x D 24" x H 32"
SB-GS-8	W 96" x D 24" x H 32"



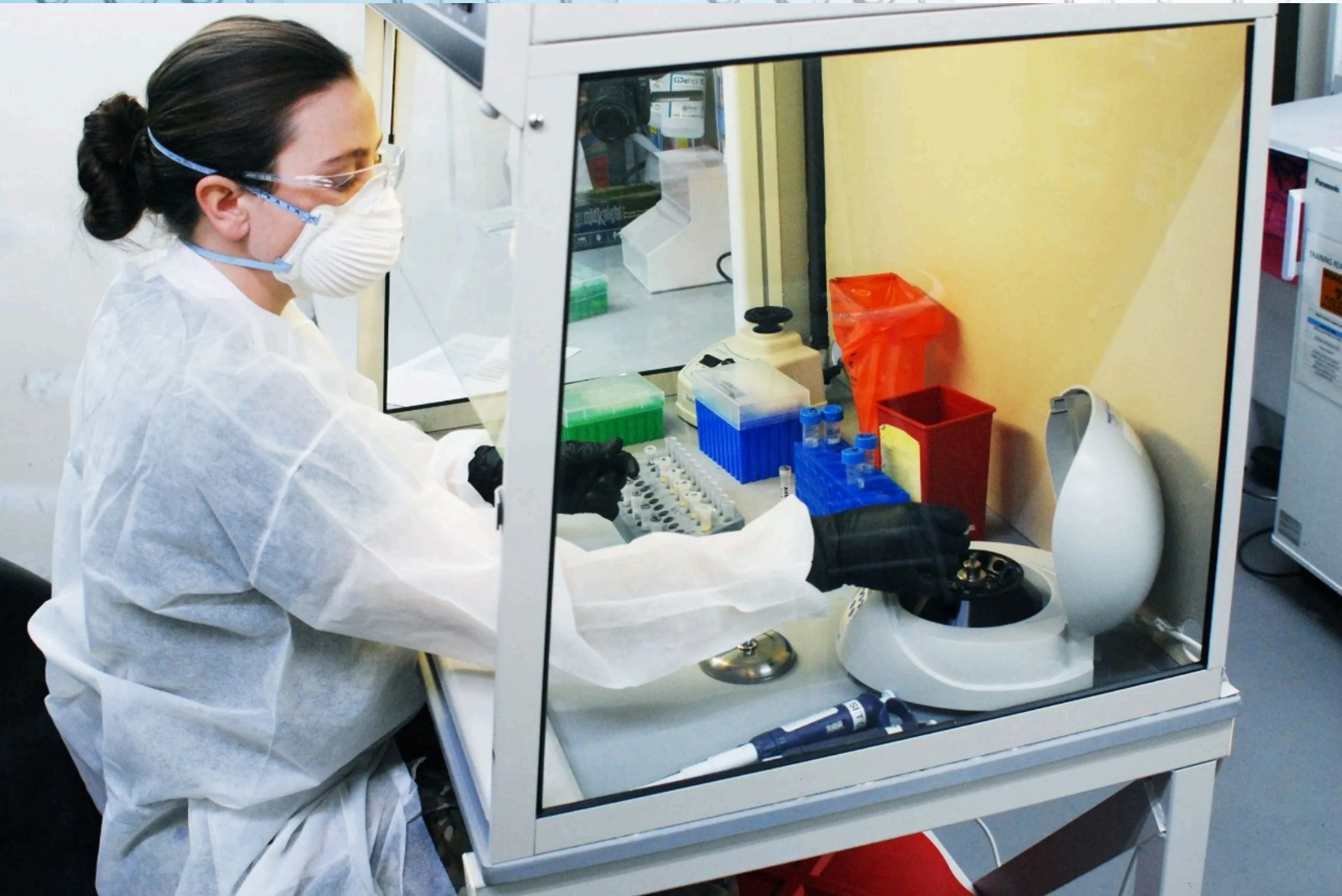
Special Features :-

The special features will be provided for the Grossing Workstation to needs your applications.

1. Deep sink and provision for hot / cold water faucet
2. Power LED Lighting
3. 2 Nos. of 5/15A additional power sockets
4. Pull-out Pencil Drawer at below the table (optional charge extra)
5. "C" fold Paper Towel Holder at inside the workstation
6. Inbuilt Exhaust Ventilation Air Grill with dual wall construction on the table and just below the storage platform to remove formalin fumes over work surface and from operator breathing zone
7. Storage Plat form is 8" width at inside the work area (optional charge extra)
8. Hand Rinsing Assembly
9. Grossing Perforated Tray on the Sink
10. Height adjustable floor leveling screws at bottom of the stand
11. Provision for magnifying lamp fixture
12. Measuring scale either fixed on the work surface of 2 ft
13. Polypropylene dissecting board for dissecting and for photography
14. Safety splash shield



EscoLabs™



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