

Precious Lab Solutions is hear

CHAMUNDA LAB ENGINEERING

Sustainable Manufacturing,
User Experience Feedback and
Modular, Flexible Lab Setups

Established in 1994



Director :
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HORIZONTAL LAMINAR AIR FLOW

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 the highest product protection by providing ISO Class 5 particle-free work area for handling critical processes. The Laminarity of the flow prevents cross-contamination between the items handled in the working space.



PRODUCT CHARACTERISTICS:

- The shell is constructed from high-quality cold-rolled steel and coated with static spray plastics. The operation table is made of SS304, offering corrosion resistance and ease of cleaning. It
- features a centrifugal fan that operates at a steady speed with minimal noise. The LCD control
- system includes a touch-type switch and offers six levels of wind speed control. Additionally, it is
- equipped with UV light and lamp controls, with a sterilization timer ranging from 0 to 999 minutes.
- The open-type front window effectively prevents outside air from entering, maintaining a clean
- operation area. Both sides are made of transparent and durable organic glass. The unit also
- includes a HEPA filter, with a pre-filter designed as a medium-efficiency filter system to enhance
- the lifespan of the HEPA filter.

Standard Models	Work Area Dimension (L X W XH)
HLAF01A	915 x 610 x 610 mm
HLAF02A	2210 x 610 x 610 mm
Power Supply: 230V AC 1- Ø	
50HZ	

Operating Conditions Air cleanliness: ISO Class

(ISO Standard)

Air Velocities: 0.45± 0.05mps

Light Intensity: >300 lux

MOC : SS 304/ SS 316/ SS

316 L



Product specification
Standard Size : 600 X 600 X 600MM
GI Powder coated (60 to 80 microns)
PPF Handles, SS-304 D-TYPE, G Aluminium Handles
Hydraulic hettich hinges & Hettich locks



Wall cabinets

These cabinets are purpose-built for laboratory environments, ensuring optimal space utilization while keeping critical documents and materials organized and accessible. Featuring multiple compartments and adjustable shelves, they offer an effective solution for managing research papers, lab protocols, and safety documents. Many models include locking mechanisms for enhanced security of sensitive data and proprietary information. Available in various durable materials and finishes, they can be customized to meet the unique aesthetic and functional requirements of any laboratory. Whether in research labs, clinical settings, or educational institutions, these wall-mounted cabinets are vital for maintaining organization and efficiency in document and material management.



WORKSTATION

FEATURES:

Shelves: Either adjustable or fixed, catering to diverse storage requirements.

Doors: Available in hinged or sliding options, often lockable for securing hazardous materials.

Transparency: Some models include glass panels for easy visibility of contents without the need to open them.

Purpose:

PURPOSE:

Offers reliable storage solutions for reagents, chemicals, or fragile items.

Aids in maintaining an organized and tidy workspace.

SAFETY FEATURES:

Ventilation systems for cabinets containing volatile chemicals.

Labels or colour coding for the storage of hazardous materials.

Sturdy construction guarantees long-lasting performance in challenging environments.

Easy to clean and maintain, enhancing hygiene and safety.

FEATURES:

Material: Crafted from durable, chemical-resistant materials such as phenolic resin, stainless steel, epoxy resin, or high-pressure laminate.

COMPONENTS:

Ample work surface featuring a smooth, non-porous finish.

Under-bench storage cabinets or drawers to organize tools, samples, and equipment.

Built-in provisions for electrical outlets, water taps, gas connections, and sinks.

Design & Structure:

Positioned above wall benches to maximize vertical space.

Built from robust materials that resist chemicals and moisture, like powder-coated steel or laminate.

Features:



CLE | CHAMUNDA LAB ENGINEERING
Island lab bench for wet labs



IT4M2S

SR NO.		Standard measures of ISLAND Table
1	Dimensions	3000 X 1200 X 900 MM
2	Sink Type	PFA,SS
3	Water Taps	3-Way Taps
4	Bottle stand	Triple shelves
5	Handles	SS 304 U-type
6	Ex-assy	Lockable Drawers, Hydraulic Doors



This premium laboratory island table is designed with functionality, durability, and customizability to meet the highest laboratory standards. Below are its detailed

Structure and Material :

Main Body: Fabricated with high-quality 60 to 80 microns powder-coated GI sheet ensuring corrosion resistance and durability.

Drawers and Cabinets : Smooth-operating drawers with a lockable design, featuring hydraulic hinges for effortless opening and closing

"An Expansive Industry with an Abundance of Variety"



4 base cabinet - 2 R.Rack -
2 Sink WBLM-
4/2R/2S



4 base cabinet - 2 R.Rack -
1 Sink WBLM -4/2R/1S



4 base cabinet - 1 R.Rack -
2 Sink WBLM-
4M/1R/2S



4 base cabinet - 1 R.Rack -
1 Sink WBLM-
4M/1R/1S



2 base cabinet - 2 R.Rack -
2 Sink WBLM-2/2R/2S



2 base cabinet - 2 R.Rack -
1 Sink WBLM-
2M/2R/1S

Worktop:

Material: 25 to 30mm thick granite top, specifically designed to resist chemical spills and withstand daily wear and tear.

Sink Design:

Equipped with 2 sinks: Polypropylene (PP) and Stainless Steel (SS) options are customizable based on the user's needs.

Taps and Fittings: Includes 3-way water taps crafted from premium copper, offering exceptional quality and a long lifespan.

Handles and Channels:

Handles: Made from SS-304, offering a polished finish with a comfortable pull-grip design.

Drawer Channels: Designed for smooth operation, making it effortless to open and close.

Load Capacity: Sturdy enough to handle an overall load capacity of 1000+ kg, suitable for heavy-duty laboratory equipment and supplies.

Customization: Features 6 modular compartments tailored to meet the specific storage requirements of modern laboratories.



Various locations, various arrangements.



2 base cabinet - 1 R.Rack -
2 Sink WBLM-
2/1R/2S



2 base cabinet - 1 R.Rack -
1 Sink WBLM-2/1R/1S



No base cabinet - 2 R.Rack
- 2 Sink WBLM-
N/2R/2S



No base cabinet - 2 R.Rack
- 1 Sink WBLM-
N/2R/1S



No base cabinet - 1 R.Rack -
2 Sink WBLM-N/1R/2S



No base cabinet - 1 R.Rack
- 1 Sink WBLM-
N/1R/1S

Anti Vibration Table

- Vibrations can hinder the performance of delicate instruments across various applications. Therefore, eliminating these vibrations to enhance performance has become essential. This is precisely where an Anti-Vibration Table proves to be invaluable.



CLEAVT01

- Dimension: L900 X W600 X H900
 - Custom designed rubber pads are provided below the granite & at the bottom of the table to absorb the vibrations
 - 18 to 20 mm thick black granite tabletop
 - Entire structure is powder-coated with a thickness of 80 microns
 - Built-in IR isolators with a natural frequency of 2Hz
 - Available in both active self-leveling and passive pump-up versions
 - Highly rigid laminated construction featuring a damping core
- Cost-effective, easy to install, and maintenance-free
- CLEAVT01 is an essential tool in environments where precision and stability are critical. Commonly used in laboratories, these tables are designed to isolate sensitive equipment from external vibrations, ensuring accurate measurements and results. Whether you're working with microscopes, balances, or other delicate instruments, an anti-vibration table helps maintain the integrity of your experiments and analyses. By employing a combination of damping materials and specialized construction techniques, these tables minimize the impact of environmental disturbances, allowing scientists and researchers to focus on their work without worrying about interference.

Storage Cabinets



Two Skin Glass Shutter Cabinet

SKU Code	DSGDC
Dimension	900x450x1800mm
Material	CRCA with Glass 3
Shelves	4
Compartments	Customizable



Solid Shutter Full Height Cabinet

SKU Code	DSDC
Dimension	900x450x1800mm
Material	CRCA
Shelves	4
Compartments	Customizable



Four Skin Glass Shutter Cabinet

SKU Code	FSGDC
Dimension	900x450x1800mm
Material	CRCA with Glass 3
Shelves	4
Compartments	Customizable



Solid Shutter Full Height Cabinet

SKU Code	DSDC
Dimension	900x450x1800mm
Material	CRCA
Shelves	4
Compartments	Customizable

FumeHood

equipped with exhaust ducts

"Engineering Excellence
into Every Solution"

FUME HOOD

A fume hood is a ventilated enclosure designed to contain and exhaust hazardous fumes, vapors, and dust, ensuring a safe working environment in laboratories, research facilities, and industrial settings. Our high-performance fume hoods are engineered for maximum safety and efficiency, complying with international standards.

Specifications:

Available Sizes:

4 feet (1200 mm)

5 feet (1500 mm)

6 feet (1800 mm)

Custom sizes available upon request

Airflow Capacity:

Adjustable airflow ranging from 600 CFM to 1200 CFM, depending on size and application

Efficient airflow management with built-in baffles for uniform fume extraction

Key Features:

Durable Construction: Corrosion-resistant materials for long-lasting performance

User-Friendly Design: Ergonomic sash operation with counterweight balancing

Energy Efficient: Low-noise, high-efficiency blower system

Safety Compliance: Meets ASHRAE 110 and SEFA 1 standards

Customizable Options: Integrated work surface, sink, gas taps, and electrical sockets available



Work Testimonials



R S World School
Varanasi.

Chamunda Lab Engineering provided us with a complete chemistry lab setup, and we couldn't be happier with the results. The furniture is well-designed, safe, and built to last. Their professional team handled everything efficiently, from delivery to installation. Thank you for enhancing our lab facilities at R.S World School



Sachi Dudh Dairy
Bhopal

"We at Sachi Dudh Dairy had a fantastic experience collaborating with Chamunda Lab Engineering (CLE) for our laboratory setup. Their laboratory wall benches, pass boxes, island tables, and chemical storage cabinets are of outstanding quality, significantly enhancing our facilities. The team was highly professional, ensuring timely delivery and a smooth installation process. We are truly grateful for their exceptional service."



Ganga Ink.
Jalgaon, Mumbai

" We are happy with our purchase from Chamunda Lab Engineering. The L-shaped corner wall bench cabinets they provided for Ganga Ink Jalgaon are of outstanding quality, enhancing our workspace efficiency. The installation was seamless, and their customer service was excellent. Would recommend them!