



JSS SCIENTIFIC SOLUTIONS

← We are a Solution for your Innovation →

MODULAR LAB FURNITURE
LABORATORY FUME HOOD
TURNKEY LAB SOLUTIONS

Redefine Your Laboratory



Company Overview

JSS Scientific Solutions , established in 2020 by Mr. Sandeep Rao in Bakrol, Ahmedabad, Gujarat, specializes in high-quality laboratory furniture and fume hoods. Our principle, "We don't compromise, we improvise, underscores our commitment to delivering superior turnkey solutions for laboratory setups across diverse sectors including pharmaceuticals, chemicals, and education.

Mission Statement

To achieve customer satisfaction through advanced production techniques and exceptional after-sales service. We build strong customer relationships and foster ingenuity in our product development.

Core Values

- ▲ Transparency and Genuineness
- ▲ Honesty and Innovation
- ▲ Quality and Customer Benefits
- ▲ Understanding and Tailoring to Customer Needs

Vision Statement

We see a world where laboratories are built, not assembled — crafted with precision, powered by innovation, and proudly engineered in India for the world.

Trust Indian, JSS Scientific Solutions

Laboratory Fume Hoods

- ⬆ Ventilation systems protecting against hazardous vapours & toxic fumes.
- ⬆ Movable sash (vertical/horizontal/combination) for user safety.
- ⬆ Even airflow with air foil frame to reduce turbulence.



Bench Top Fume Hood [BTFH]

Low Bench Fume Hood [LBFH]

Walk in Fume Hood

Technical Specifications

- ⬆ Baffle System: Three-point suction for efficient fume removal.
- ⬆ Lighting: Vapor-sealed LED fixtures with tempered glass isolation.
- ⬆ Sash: Full-view toughened glass sash in aluminium frame.
- ⬆ Work Surface: Granite, Ceramic, Epoxy Resin, Phenolic Resin, or SS for special hoods.
- ⬆ Valves & Fixtures: Remote-control, colour-coded with flexible hose outlets.
- ⬆ Electricals: Standard 230V AC, 50Hz sockets (6/16 Amp).
- ⬆ Base Cabinets: Chemical-resistant, fire-retardant, optional solvent storage.
- ⬆ Tested as per ASHARE Standards.

Standard Size

4 feet - 1200mm LX 950mm W x 2350mm H
5 feet - 1500mm LX 950mm W x 2350mm H

6 feet - 1800mm LX 950mm W x 2350mm H
7 feet - 2100mm LX 950mm W x 2350mm H

Standard Storage Series

Vertical Storage Cabinet

- ▲ Powder-Coated
- ▲ Glass / Metal Doors
- ▲ Adjustable Shelves

Chemical Storage Cabinet

- ▲ GPSP Body
- ▲ PP internal Lining
- ▲ Chemical - Resistant Shelves



Flammable Liquid Storage Cabinets

- ▲ For safe storage of flammable & combustible liquids.
- ▲ Double-walled steel construction with air gap insulation.
- ▲ Fire-resistant, self-closing doors with 3-point lock.
- ▲ Leak-proof sump tray for spill containment.
- ▲ Vent ports with flame arresters.
- ▲ Epoxy powder-coated finish, adjustable shelves.
- ▲ Grounding connector & hazard labels provided.



Acid / Corrosive Storage Cabinets

- ▲ For safe storage of acids, alkalis & corrosive chemicals.
- ▲ PP / HDPE / epoxy-coated steel construction.
- ▲ Corrosion-resistant hinges & fittings.
- ▲ Spill containment tray at the base.
- ▲ Ventilation port for fume exhaust.
- ▲ Lockable doors with clear “Corrosive” labeling.
- ▲ Available in bench or floor models.



Lab Furniture

Lab Furniture Construction

- ⬆ Heavy-gauge, welding-less GPSP “O” Spangle cabinet body for durability & strength.
- ⬆ Adjustable shelves with flush corner construction for seamless finish.
- ⬆ Lipped end panels for dust protection.
- ⬆ Powder-coated eco-friendly finish.

Cabinet Bottom & Base

- ⬆ One-piece case bottom with horizontal front rail.
- ⬆ Reinforced corners with levelling bolts.
- ⬆ Enclosed toe space for cleanliness.
- ⬆ Removable plug button for adjusting bolts.

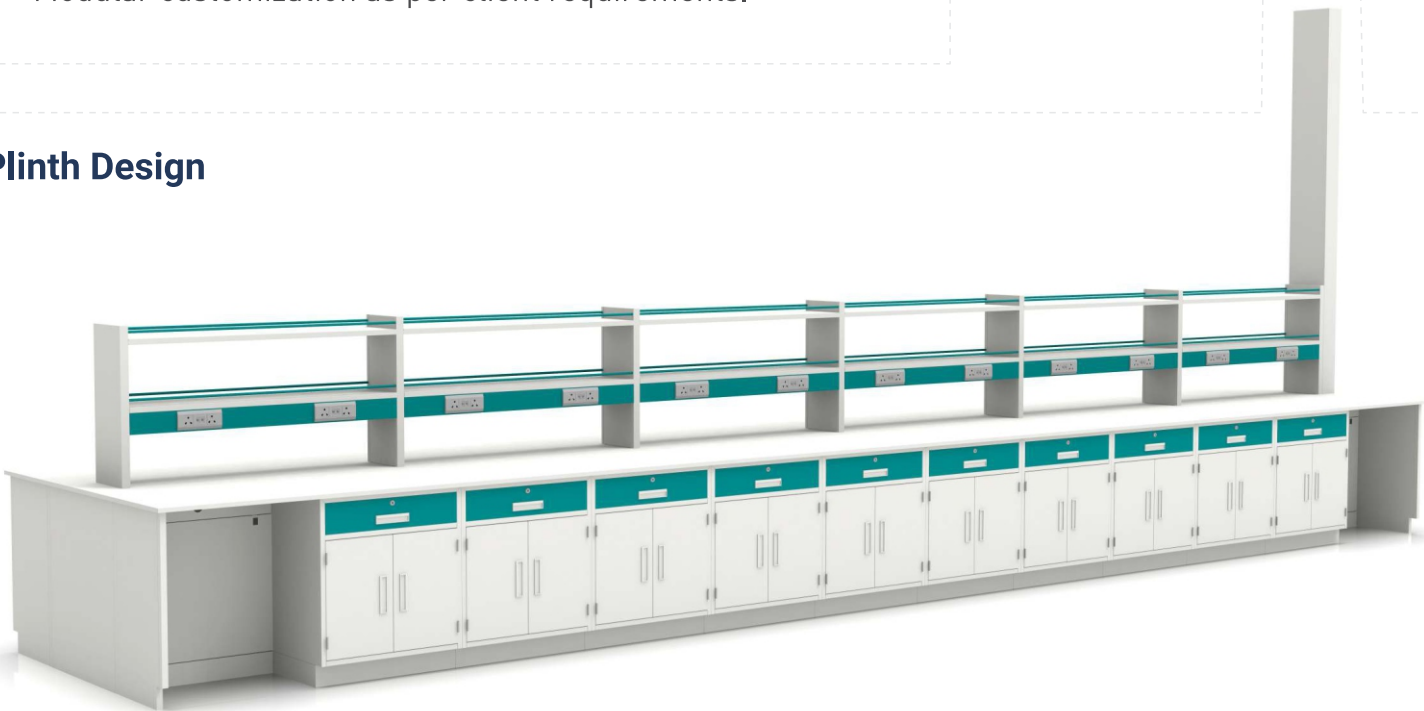
C-Frame Design



Workbenches

- ⬆ Available in C-Frame & Plinth Design.
- ⬆ Options for leg spaces, pre-wired raceways & reagent racks.
- ⬆ Modular customization as per client requirements.

Plinth Design



Anti-Vibration Table

Ensures reading accuracy with vibration-dampening rubber pads.



Fume Extractor System

Fume extractor is one kind of ventilation system which provides protection to the personal to the personnel against hazardous vapour & toxic fumes.

- ▲ Material: PP
- ▲ Ceiling / Wall mounted
- ▲ PP Pipe Diameter: 75mm
- ▲ Collect Air Cover Diameter: 385mm
- ▲ Rated Displace Cover Diameter: 385mm
- ▲ Effective Radius of Transparent Cover: R870mm
- ▲ The Biggest Stretch Degree: 135
- ▲ Vertical Stretch Maximum Distance: 1770mm
- ▲ Length of Fixed Support: 1030mm
- ▲ Conduit Joint Outer Diameter: 100mm



Wall Storage Cabinet

- ▲ Compact
- ▲ Powder-Coated
- ▲ Lockable With Glass/metal Door Options



ESD Work Stations

- ▲ Tabletop made of ESD-safe laminate with conductive grounding.
- ▲ Equipped with earthing terminal and ESD wrist strap socket.
- ▲ Sturdy powder-coated steel frame with adjustable height options.
- ▲ Static-dissipative mat ensures safe handling of sensitive components.
- ▲ Available with drawer, shelf, and lighting options as required.

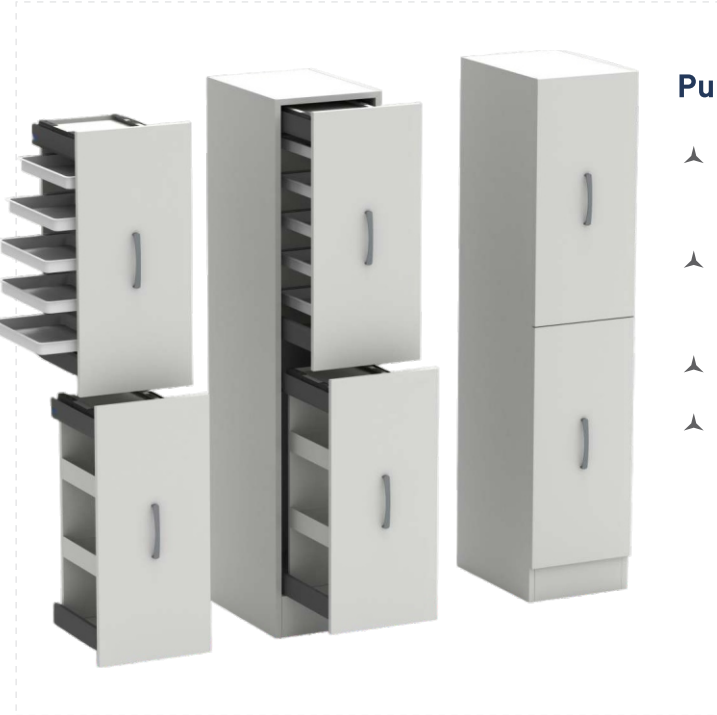


Standalone Sink Unit

- ▲ Designed for independent washing and cleaning operations in laboratories and work areas.
- ▲ Fabricated from chemical-resistant materials such as GPSP with epoxy coating.
- ▲ Fitted with laboratory-grade sink and swivel or gooseneck water faucet.
- ▲ Integrated drain system with acid-resistant plumbing fittings.
- ▲ Available in single or double sink models and in custom sizes as per lab layout.



Customised Products



Pull-Out Vertical Storage Unit

- ▲ GPSP “Zero Spangle” steel with epoxy coating for corrosion resistance
- ▲ Smooth pull-out with heavy-duty telescopic channels
- ▲ Multi-tier trays for organized storage
- ▲ Space-saving vertical design with easy access

HPLC Cabinet

- ▲ High chemical resistance for HPLC solvents
- ▲ Built-in ventilation for safe fume removal
- ▲ Stable, vibration-free performance
- ▲ Plug-and-play utility integration
- ▲ Easy rear access for maintenance
- ▲ Ergonomic and user-friendly design
- ▲ Modular fit for modern labs



GC Table

- ▲ Centralized utility supply system
- ▲ Upgradeable duct for scalability
- ▲ Rear-mounted service outlets
- ▲ Open, unobstructed workspace
- ▲ Flexible accessory mounting
- ▲ Supports double workbench setup
- ▲ Organized service routing
- ▲ Compatible with advanced lab equipment
- ▲ Optimized for efficiency and space



Clean Room Furniture



S.S.
Locker
Cabinet



S.S. Locker



S.S. Dustbin



S.S. Cross Over Bench



S.S. Mopping
Trolley



S.S.
2 Stage
Discard Bin

Clean Room Furniture



S.S.
Discard Bin



S.S. Pass Box



S.S. Table



S.S. Chair



S.S. Pallet



S.S. Shoe Rack

Safety Shower



Taps

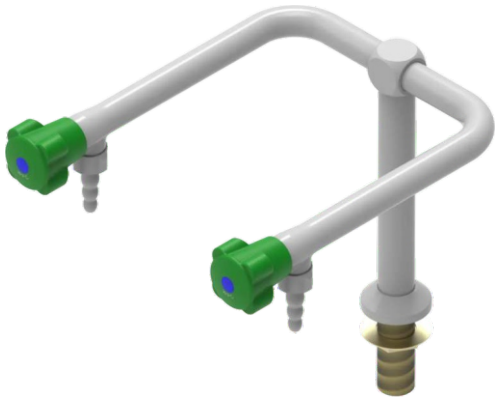
Bench Mounted Tap



Laboratory Combination
Three for Water (WPC)



Bench Mounted Taps



Turnkey Lab Solutions

- ▲ Lab Furniture and Fume Hoods
- ▲ Lab Utilities and Drainage
- ▲ GDS (Gas Distribution System)
- ▲ ELV (Electrical Low Voltage)
- ▲ HVAC Systems
- ▲ Clean Room Partitions and Door





Certifications & Quality Standards



SEFA Certification

Confirms compliance with international safety and quality standards for laboratory furniture and equipment.

BS EN 14727:2005
SEFA-8M
SEFA 10

ISO 9001 - 14001 - 45001 Compliance



In-House Facilities

- Laser Cutting: Precision cutting for accurate product dimensions.
- Fabrication: High-quality construction processes.
- Powder Coating: Application of Jotun Powder Coating for enhanced durability and appearance.
- Assembly and Testing: Rigorous testing to ensure products meet our high standards before delivery.

Our Valuable Clients





JSS Scientific Solutions

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