



STEEL
WOOD

Technical Catalogue
laboratory furniture system

INNOVATIVE DESIGN FOR LABORATORY





Technical Catalogue

Labmex, the brand of 2S2F for your Laboratory Development.

A fully equipped laboratory is essential for a large variety of industries for their research and development. From commercial laboratories, universities, schools, pharmaceuticals, government units to research institutes, we believe an intelligently designed laboratory can significantly improve the efficiency and productivity.

Labmex endeavours to offer comprehensive solutions on laboratory furniture setup. We focus on Safety, Sustainability, Functionality and Flexibility (2S2F). Starting from the fundamentals of furnishing, guidance for design and engineering are provided.

Safety: essential for the laboratory.

Sustainability: the needs of expansion for the company.

Functionality & Flexibility: the most wanted from user.

Labmex provides customized laboratory furniture with different layouts and budget ranges depending on customer's request. Let's go to explore our stylish & professional laboratory furniture and you may find your best partner.

Labmex

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1

Frame

Labmex Frame System

The Labmex Frame System serves as the structural backbone of a high-performance laboratory. Engineered to uphold our core 2S2F philosophy—Safety, Sustainability, Functionality, and Flexibility—these frames provide the essential stability required for precision research and demanding experimental environments.

Constructed from premium cold-rolled steel and finished with an electrostatic epoxy resin powder coating, our frame systems offer superior chemical resistance and long-term durability. Whether in commercial laboratories, universities, or pharmaceutical research centers, Labmex frames ensure a modular and adaptable foundation that can evolve with your facility's needs.

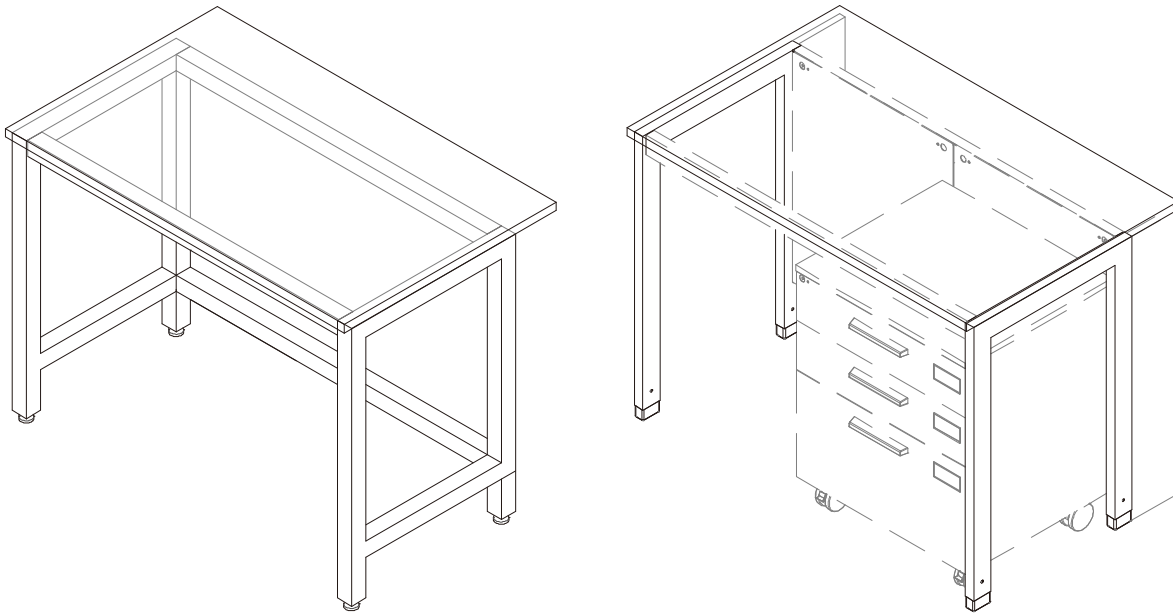
Frame System

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Features

- For working heights of 750mm and 900mm
- Materials: Manufactured using high-quality electrolytic sheet metal/cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Tube Size: 50mm x 50mm / 40mm x 60mm
- Width: 1000mm / 1200mm / 1500mm / 1800mm
- Loading: 400kg / linear meter
- Levelling feet
- Optional: 4 lockable castors
- Customized sizes are available upon request.

Design



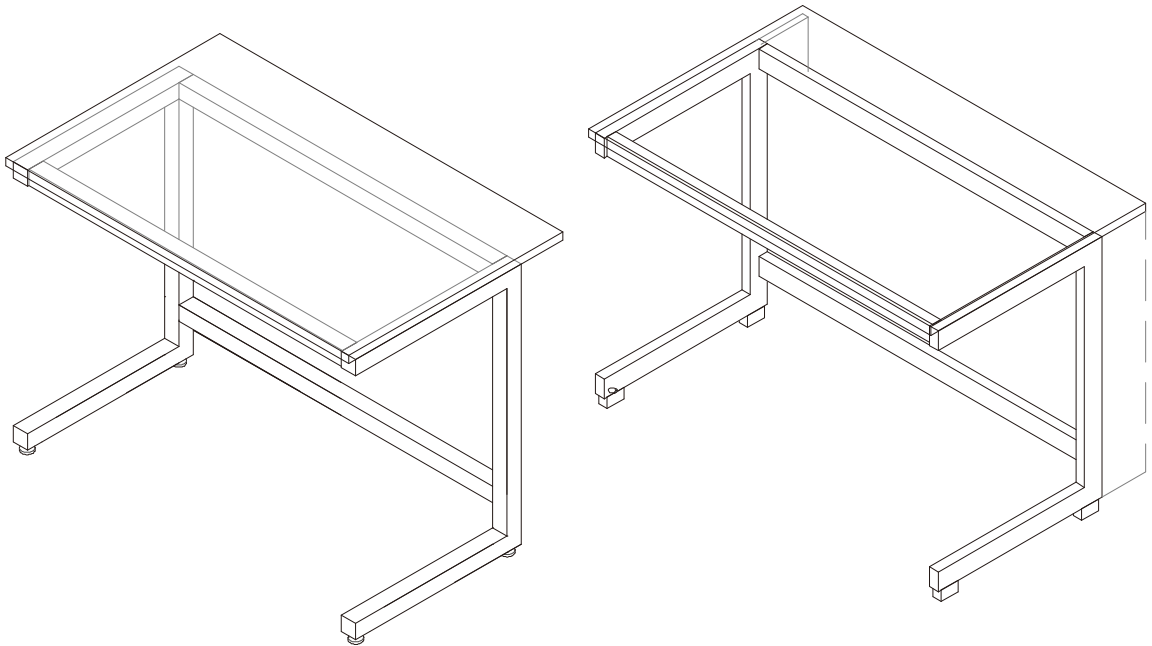
Frame System

C-Frame

Features

- For working heights of 750mm and 900mm
- Materials: Manufactured using high-quality electrolytic sheet metal/ cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Tube Size: 50mm x 50mm / 40mm x 60mm
- Width: 1000mm / 1200mm / 1500mm / 1800mm
- Loading: 350kg / linear meter
- Levelling feet
- Optional: 4 lockable castors
- Customized sizes are available upon request.

Design





2

Cabinets

Labmex Cabinets System

Labmex offers a comprehensive range of high-quality laboratory cabinets designed to meet the diverse storage and organization needs of modern research facilities. Our cabinet solutions combine durability, functionality, and space optimization to provide an efficient and safe environment for storing essential lab equipment, chemicals, and materials. From base cabinets and wall cabinets to tall storage units and specialty cabinets, our product line caters to the unique requirements of various laboratory settings, ensuring seamless integration and optimized workflow.

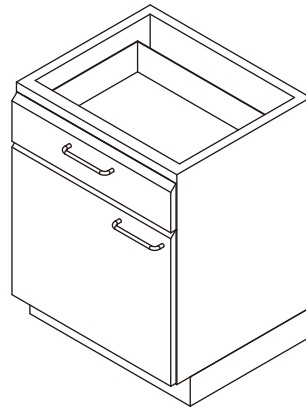
Cabinets

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Features

- For working heights of 725mm and 875mm
- Materials: Manufactured using high-quality electrolytic sheet metal/cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Structure: Modular design with separate cabinet body and base, allows different color combinations.
- Handles: Optional - stainless steel handles, one-piece S-shaped handles, or PA66 engineering plastic handles.
- Hinges: Optional - 165° FGV hinges, 180° 5-knuckle stainless steel hinges, or soft-close hinges.
- Shelves: Includes one adjustable shelf.
- Feet: Concealed leveling feet with silicone pads.
- Optional: Lock & key
- Customized sizes are available upon request.

Design



Variants



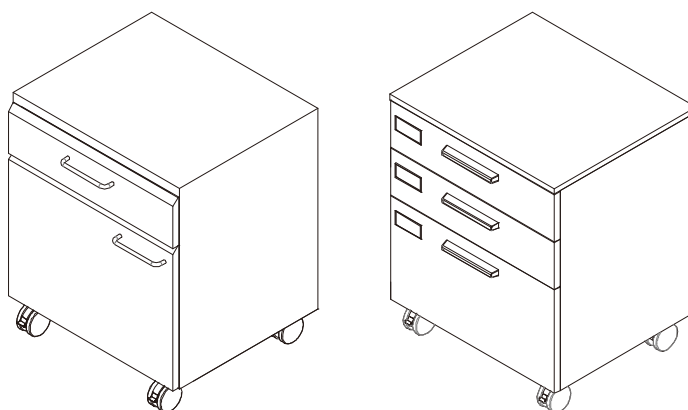
Cabinet System

Movable Cabinets

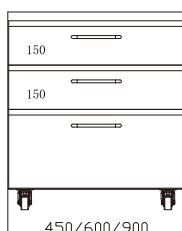
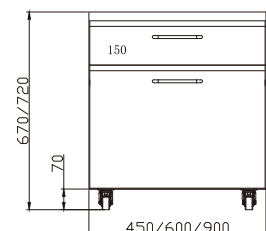
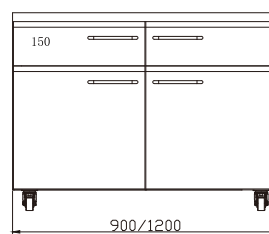
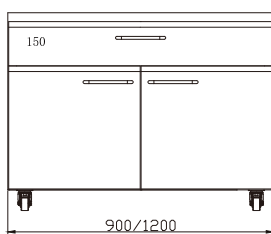
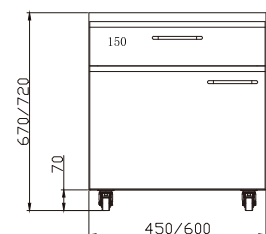
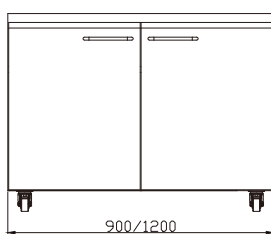
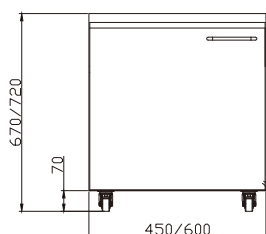
Features

- For working heights of 670mm and 720mm
- Materials: Manufactured using high-quality electrolytic sheet metal/ cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Structure: Monolithic cabinet design with welded construction.
- Handles: Optional - stainless steel handles, one-piece S-shaped handles, or PA66 engineering plastic handles.
- Hinges: Optional - 165° FGV hinges, 180° 5-knuckle stainless steel hinges, or soft-close hinges.
- Shelves: Includes one adjustable shelf.
- Castors: 4 silent swivelling castors
- Optional: Lock & key
- Customized sizes are available upon request.

Design



Variants

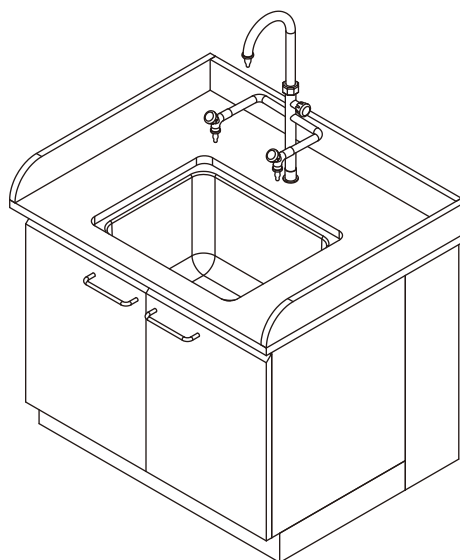


Cabinet System Sink Cabinets

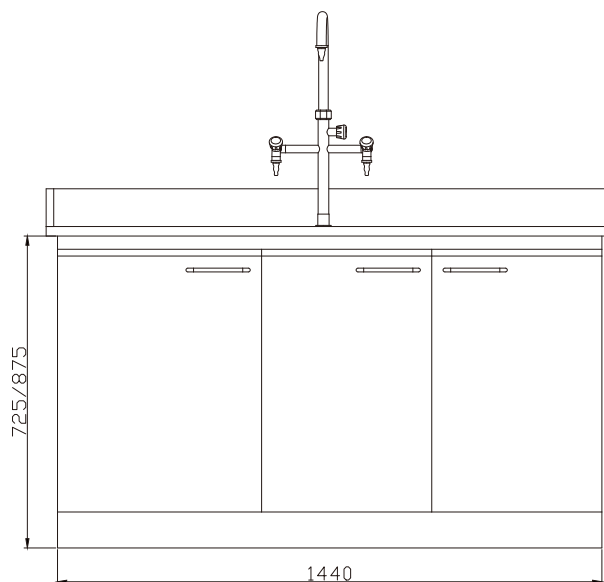
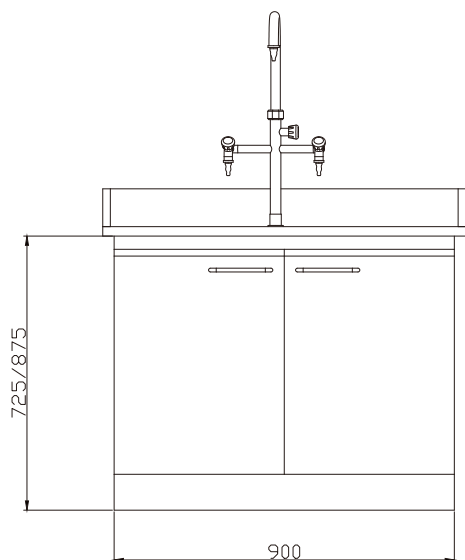
Features

- Water supply and drainage
- Materials: Manufactured using high-quality electrolytic sheet metal/cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Structure: Modular design with separate cabinet body and base, allowing for different color combinations.
- Handles: Optional - stainless steel handles, one-piece S-shaped handles, or PA66 engineering plastic handles.
- Hinges: Optional - 165° FGV hinges, 180° 5-knuckle stainless steel hinges, or soft-close hinges.
- Feet: Concealed leveling feet with silicone pads.
- Customized sizes are available upon request.

Design



Variants





3

Shelving

Labmex Shelving System

The Labmex Shelving System is designed to maximize vertical space and enhance organizational efficiency within the modern laboratory. Following our 2S2F principles, these systems provide a flexible and sustainable solution for the storage of reagents, labware, and frequently used equipment.

Built with high-quality materials and finished with chemical-resistant epoxy powder coating, our shelving units ensure long-term durability in rigorous environments. The modular design allows for seamless integration with island and wall benches, providing users with immediate access to essential materials while maintaining a clean and unobstructed workspace.

Shelving

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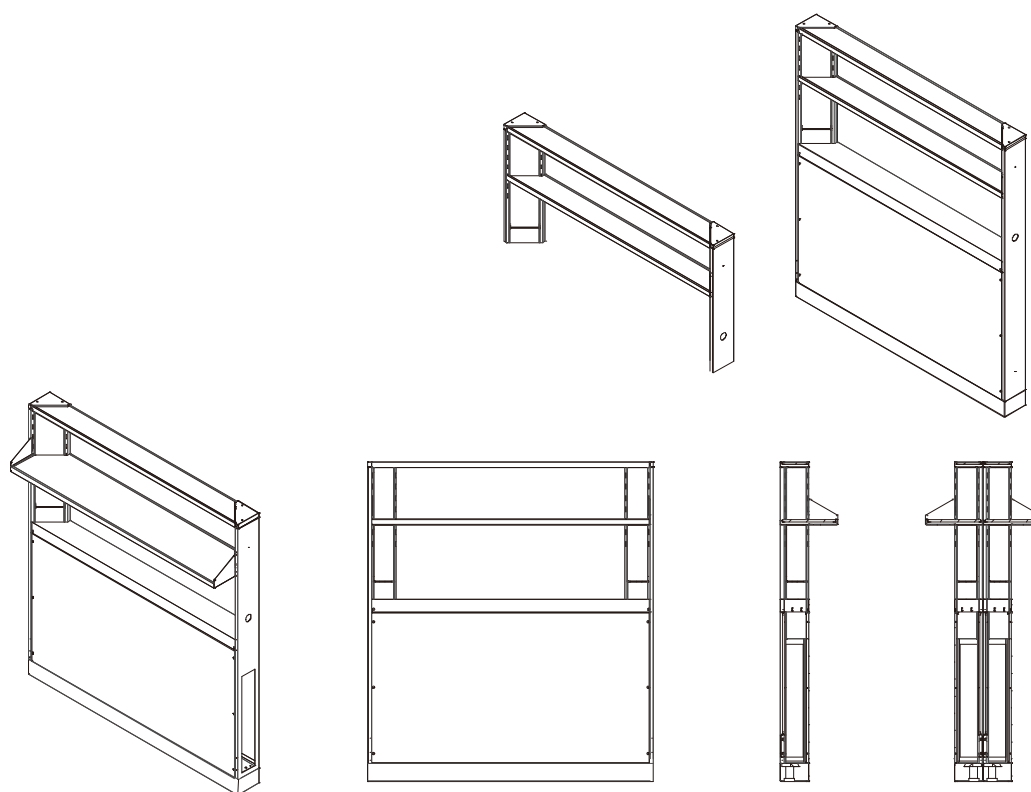
Shelving System

Dual Layers Chemical Shelves

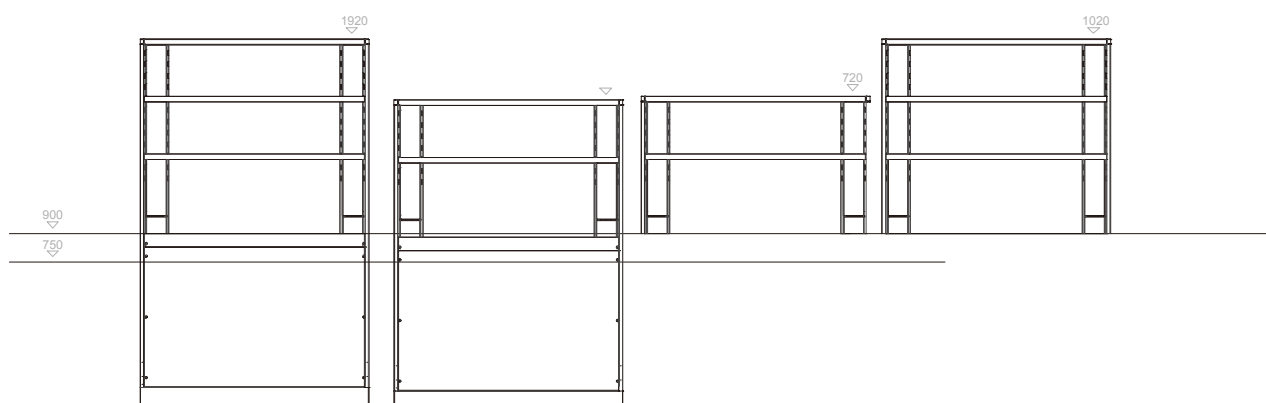
Features

- Suitable for island bench or wall bench
- Materials: Manufactured using high-quality electrolytic sheet metal/cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Width: 1000mm/1200mm/1500mm/1800mm
- Depth: 600mm (Island bench shelves)
250mm (Wall bench shelves)
- Loading: 50kg/linear meter
- Adjustable height
- Optional:
 - a. Shelves lip or anti-fall bar
 - b. Horizontal Socket trunk
 - c. Vertical Socket trunk
- Customized sizes are available upon request.

Design



Variants



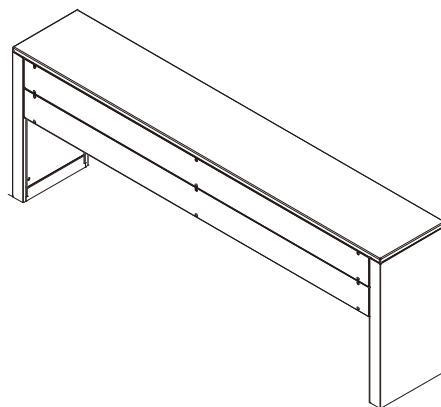
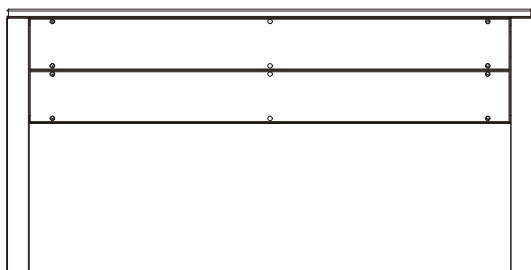
Shelving System

Reagent shelves

Features

- Suitable for island bench or wall bench
- Materials: Manufactured using high-quality electrolytic sheet metal/ cold rolled steel.
- Phenolic Resin / Epoxy Resin Top plate
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Width: 1000mm/1200mm/1500mm/1800mm
- Depth: 300mm (Island bench shelves)
200mm (Wall bench shelves)
- Height: 450mm
- Loading: 50kg/linear meter
- Built-in horizontal Socket trunk
- Optional: Vertical Socket trunk
- Customized sizes are available upon request.

Design





4 Tall Cabinet

Labmex Tall Cabinet

Labmex tall storage units are designed to provide maximum storage capacity while maintaining a compact footprint, ensuring seamless integration and an optimized workflow within your facility. Standing at a standard height of 1920mm, these cabinets are essential for organizing a wide range of labware, equipment, and chemicals in a safe and structured manner.

In alignment with our 2S2F (Safety, Sustainability, Functionality, and Flexibility) core principles, our tall cabinets combine heavy-duty durability with high-level functionality. Each unit is manufactured using high-quality electrolytic sheet metal or cold rolled steel, finished with a specialized electrostatic epoxy resin powder coating to provide superior chemical resistance and long-term sustainability. Whether you require transparent glass fronts for easy equipment identification or reinforced steel doors for secure chemical storage, Labmex offers a professional solution tailored to the unique requirements of modern laboratory settings.

Tall Cabinet

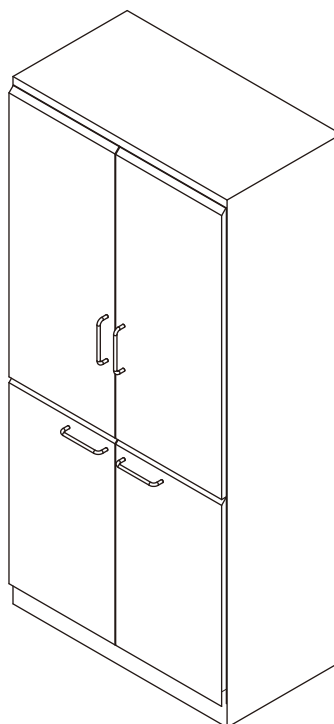
Labmex Tall Cabinet	15
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Tall Cabinet Reagent Cabinets

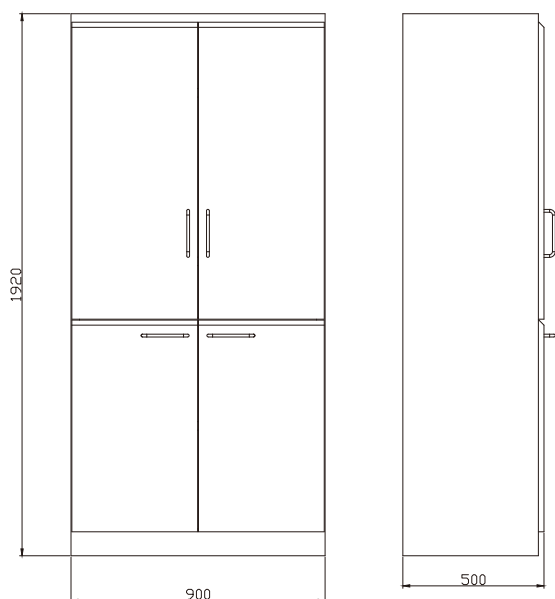
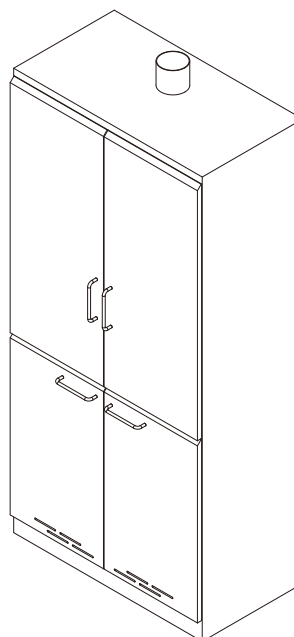
Features

- For storing equipment and chemicals.
- Materials: Made from high-quality electrolytic sheet metal/ cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Handles: Stainless steel handles, or PA66 engineering plastic handles.
- Hinges: FGV 165° hinges, 180° 5-knuckle stainless steel hinges, or buffer door hinges.
- Feet: Concealed leveling feet.
- Shelves: 3 to 5 units. Adjustable shelves.
- Optional: Lock & key
- Customized sizes are available upon request.

Design



Variants



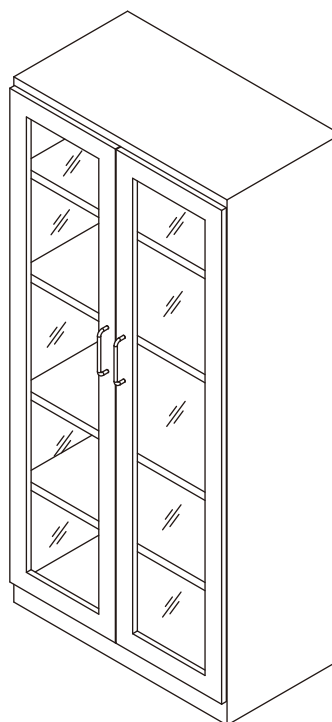
Tall Cabinet

Labware Cabinets

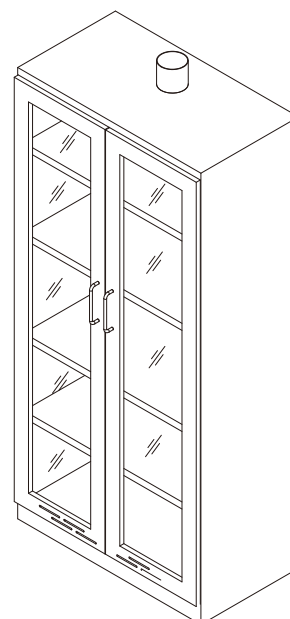
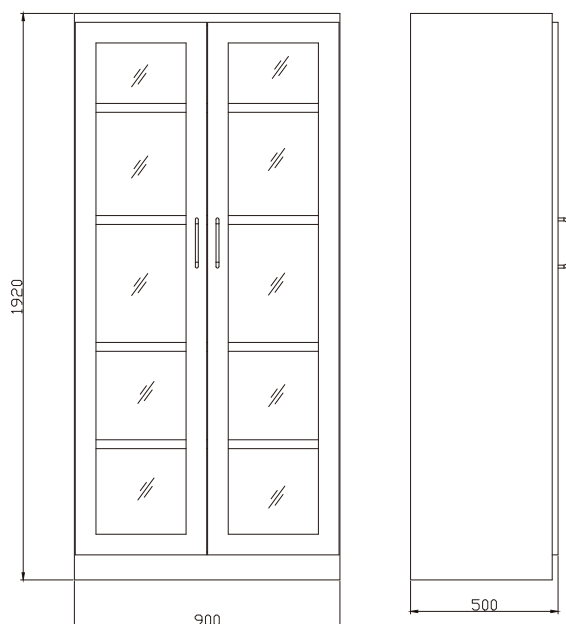
Features

- For storing labware and equipment, the glass front allows easy finding of needed equipment.
- Materials: Made from high-quality electrolytic sheet metal/cold rolled steel.
- Surface Treatment: Electrostatic powder coating with epoxy resin.
- Handles: Stainless steel handles, or PA66 engineering plastic handles.
- Hinges: FGV 165° hinges, 180° 5-knuckle stainless steel hinges, or buffer door hinges.
- Feet: Concealed leveling feet.
- Shelves: 3 to 5 units. Adjustable shelves.
- Optional: Lock & key
- Customized sizes are available upon request.

Design



Variants





5

Accessory & Parts Labmex Accessory & Parts

The Labmex Accessory & Parts collection provides the essential finishing touches that ensure every laboratory component operates at peak performance. In strict alignment with our 2S2F (Safety, Sustainability, Functionality, and Flexibility) core values, these parts are engineered for heavy-duty use and long-term reliability. From high-grade ergonomic hardware to advanced utility management systems, our accessories are designed to enhance the safety and organization of your workspace. Whether integrating complex service lines or securing sensitive equipment, Labmex provides the modular components necessary for a fully optimized research environment.

Accessory & Parts

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Accessory & Parts

Hanging Cabinets

Features

- Free up space for reagents and labware
- Width (mm): 1,200 / 1,500 / 1,800 / 2,000 / 2,400 / 3,000 / 3,600
- Depth (mm): 300
- Height (mm): 800 / 850 / 900

Design



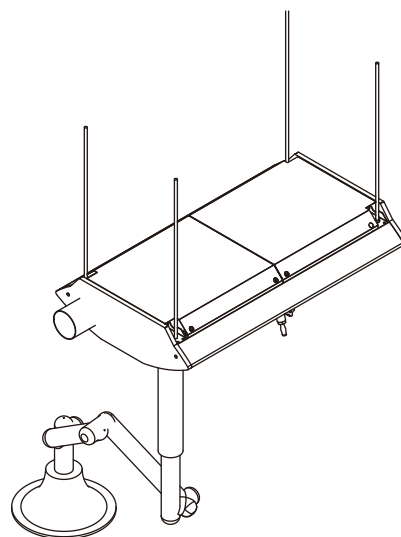
Accessory & Parts

Overhead Service Carriers

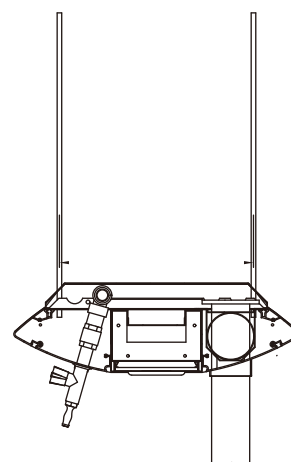
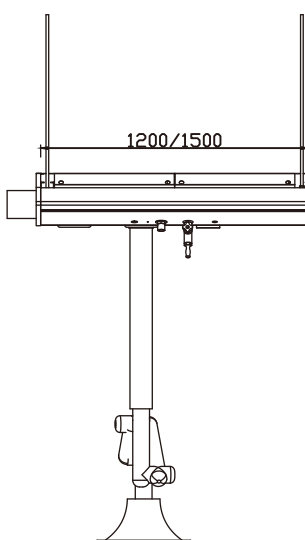
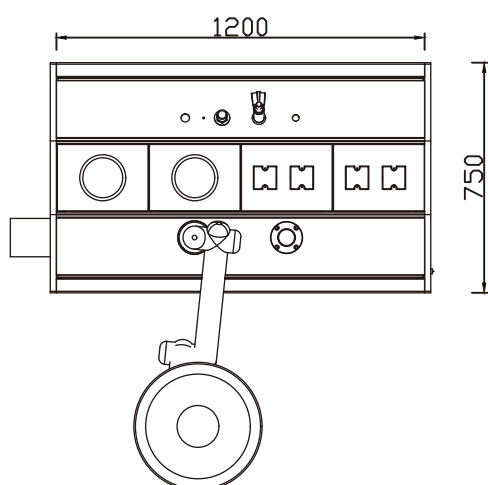
Features

- For utility integration and local fume extraction in laboratories.
- Materials: Steel housing and trunking, steel hanging rods, chemical-resistant powder-coated surfaces.
- Utility Connections: electricity cables, technical/medical gases.
- Extractors: Flexible universal extraction arms with clear, dome-shaped hoods. [Optional]
- Width (mm): 600 / 900 / 1,200 / 1,500
- Depth (mm): 750
- Height (mm): 235
- Max Load (kg): 120
- Mounting: Suspended from ceiling with robust threaded steel hanger rods.
- Flexibility: Removable and customizable modular cover plates for easy maintenance and future expansion.
- Customized sizes and shapes are available upon request.

Design



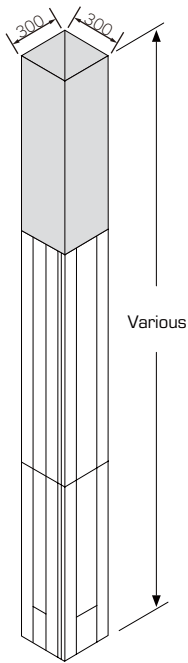
Variants



Features

- Channels and conceals piping, electrical conduits, drain lines, and other services for cores and reagent racks.
- Removable facings provide access to services.
- Width (mm): 300
- Depth (mm): 300
- Height (mm): Various

Design





6 Lab Bench Style

Labmex Professional Lab Furniture

Visualizing your future research environment is a vital step in effective laboratory development. This section presents high-fidelity 3D simulations of Labmex's core benching systems, allowing you to envision how our professional designs and modular configurations integrate into your facility. Our benching solutions are engineered to embody the 2S2F (Safety, Sustainability, Functionality, and Flexibility) core principles, providing a safe and efficient foundation for scientific innovation.

These renderings illustrate the seamless integration of our durable frame systems with modular storage options, helping you visualize a workspace perfectly tailored to your facility's operational needs. From high-capacity stationary setups to ergonomic flexible layouts, our Style I, II, and III series offer a professional and stylish foundation for modern science.

Lab Bench Style	
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Lab Bench Style Style I (Base Cabinet Type)

Features

- Width (mm): 1,200 / 1,500 / 1,800 / 2,000 / 2,400 / 3,000 / 3,600
- Depth (mm): 650 / 750 / 900
- Height (mm): 800 / 850 / 900

Island Bench Style I



Island Bench Style I with Reagent Shelves



Island Bench Style I with Reagent Shelves & Sink



Lab Bench Style Style II (H-Frame Type)

Features

- Width (mm): 1,200 / 1,500 / 1,800 / 2,000 / 2,400 / 3,000 / 3,600
- Depth (mm): 650 / 750 / 900
- Height (mm): 800 / 850 / 900

Island Bench Style II



Island Bench Style II with Reagent Shelves



Island Bench Style II with Reagent Shelves & Sink



Lab Bench Style Style III (C-Frame Type)

Features

- Width (mm): 1,200 / 1,500 / 1,800 / 2,000 / 2,400 / 3,000 / 3,600
- Depth (mm): 650 / 750 / 900
- Height (mm): 800 / 850 / 900

Island Bench Style III



Island Bench Style III with Reagent Shelves

Island Bench Style III with Reagent Shelves & Sink



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