Lab-WB®

Modular lab workbenches



Modular lab workbenches

Modular lab workbenches are built around basic modules such as reagent racks, functional columns, wall cabinets, mobile cabinets, sink cabinets, and central/side benches. These modules can be combined according to customer requirements and are designed to meet users' needs for water, electricity, gas, and lighting, creating a convenient and comfortable lab work environment.

Product Features:
Manufactured using high-quality galvanized square tubing and galvanized steel sheets as primary raw materials, these workbenches undergo rigorous processes including cutting, bending, welding, grinding, and electrostatic powder coating with epoxy resin. It features a robust structure, high load-bearing capacity, corrosion resistance, acid and alkali resistance, high-temperature resistance, easy cleaning, fire and moisture resistance, and a long service life, making it an ideal choice for modern laboratories, cleanrooms, research institutions, hospitals, schools, and other similar settings.

1. Frame: Constructed from 40×60×1.2 mm hot-dip galvanized square tube welded assemblies with modular component assembly.
2. Cabinet Body: Made from 1.0 mm galvanized steel sheet, meticulously crafted through a series of processes including shearing, bending, welding, stamping, and polishing.
3. Surface Treatment: Pre-degreasing – main degreasing – water rinsing – ceramic conversion – water rinsing – drying – electrostatic epoxy powder coating. The coating is cured and set in an oven at 200°C through leveling and curing. The coating thickness is ≥80μm. It withstands a 96-hour acetic acid salt spray test without blistering, rusting, or peeling, and achieves Grade 0 adhesion.
4. Reinforcement Method: Reinforced with triangular brackets, featuring patented protection.
5. Hardware Configuration:
(1) Alloy three-stage soft-close silent slides with a load capacity of 45 kg and a service life of over 80,000 cycles.
(2) Alloy soft-close silent hinges with a 110° opening angle and a service life of over 80,000 cycles.
6. Handle: Integrated, one-piece bent handle.
7. Feet: M3 screw-pressed molded feet with waterproof black PVC hexagonal sleeves.
8. Shelves: 1.0mm galvanized steel, height-adjustable, with a single-shelf load capacity of 25 kg.
9. Load Capacity: 300 kg
Complies with standards: ISO 9001, ISO 14001, ISO 45001, GB/T 24820-2024, GB 18584-2024, QB/T 3832-1999, EN 13150:2020, EN 14727



Floor-Standing Mode



Frame Model

Product Name		Lab Workbench - Floor-Standing Model	Lab Workbench - Frame Model	
Product Model		YC-G-L	YC-G-K	
Product Dimensions (L*W*H)		L*750/1500*850/900	L*750/1500*850/900	
Material	Cabinet Options	Floor-Standing Cabinet	Wall-Mounted Cabinet	Mobile Cabinet
	Frame Options	None	1.2/1.5mm thick rectangular galvanized square tubing 40*60mm	
	Cabinet Material	1.0mm thick galvanized steel plate		
	Cabinet Door Options	Double-layer soundproof outer cover door, double-layer soundproof recessed door		
	Handle Options	Integrated bent handle, stainless steel U-shaped handle, stainless steel recessed handle		
	Reinforcement Method	Triangular Braces		
	Cabinet Structure	Modular Assembly		
	Utility Integration	Removable rear panel		
	Coating Finish	Epoxy resin spray coating; passes salt spray test with no blistering or rust; adhesion rating: Grade 0.		
	Hinges	Alloy soft-close silent hinges with a service life of over 100,000 cycles.		
	Slide Rails	Alloy three-section soft-close silent slide rails, load capacity 45 kg, service life over 100,000 cycles.		
	Countertop Options	Phenolic resin board, epoxy resin board, ceramic board, marble, stainless steel		
	Load Capacity	300-600 kg/m²		
	Optional Products	Reagent racks, wall cabinets, lighting, utility columns, locks, cable trays, water systems		

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PP lab workbenches



PP Lab Workbench - Floor-Standing Model



Floor-Standing Mode



Floor-standing model with wall cabinets

Product Name		Lab Workbench - Floor-Standing Model
Product Model		YC-P-L
Product Dimensions (L*W*H)		L*750/1500*850/900
Material	Cabinet Type	Floor-standing cabinet
	Door Type	Flush-mounted doors
	Cabinet Material	High-purity polypropylene
	Handle Option	U-shaped PP handles
	Cabinet Structure	Modular assembly
	Hinges	Polypropylene
	Countertop Options	PP, Phenolic Resin
	Load Capacity	150 kg/m²
	Optional Accessories	Reagent Racks, Wall Cabinets, Lighting, Utility Columns, Locks, Cable Trays, Water Systems

Lab-WB®

Stainless Steel Lab Workbenches



Floor-Standing Mode



Floor-Standing Model

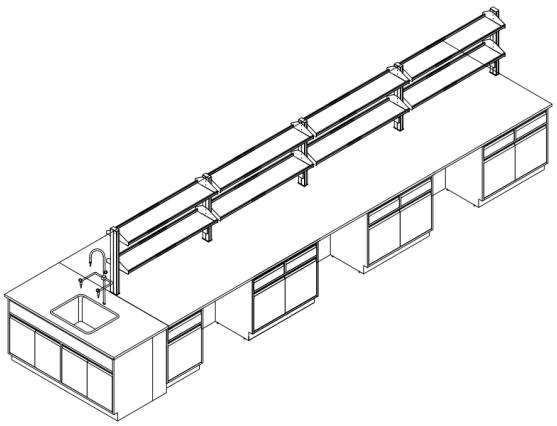


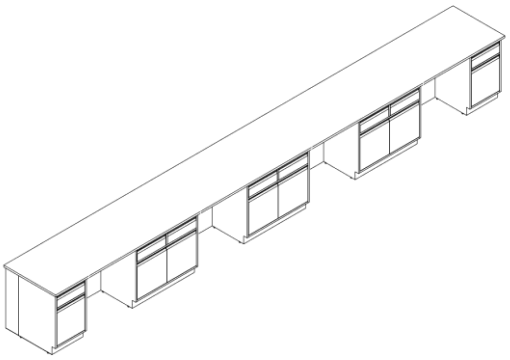
Frame Model

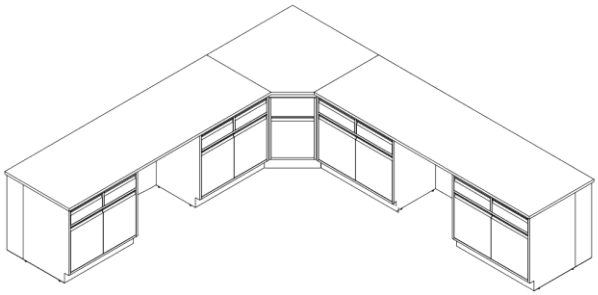
Product Name		Lab Workbench - Floor-Standing Model	Lab Workbench - Frame Model
Product Model		YC-S-L	YC-S-K
Product Dimensions (L*W*H)		L*750/1500*850/900	L*750/1500*850/900
Material	Cabinet Options	Floor-Standing Cabinet	None
	Frame Options	None	1.0mm thick stainless steel square tubing 38*38mm
	Cabinet Material	1.0mm thick stainless steel	None
	Cabinet Door Options	Double-layer soundproof outer cover doors, double-layer soundproof recessed doors	None
	Handle Options	Integrated bent handles, stainless steel U-shaped handles, stainless steel recessed handles	None
	Reinforcement Method	Triangular brackets	Fully welded/triangular brackets
	Cabinet Structure	Modular Assembly	
	Utility Integration	Removable rear panel	None
	Coating Finish	Brushed finish	
	Hinges	Alloy soft-close silent hinges with a service life of over 100,000 cycles.	None
	Slide Rails	Alloy three-section soft-close silent slide rails, load capacity 45 kg, service life over 100,000 cycles.	None
	Countertop Options	Phenolic resin board, epoxy resin board, ceramic board, marble, stainless steel	Stainless steel
	Load Capacity	300kg/㎡	150kg/㎡
	Optional Products	Reagent racks, wall cabinets, lighting, utility columns, locks, cable trays, water systems	

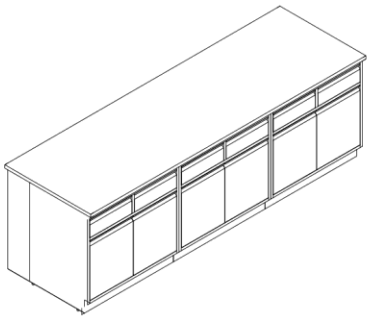
Lab-WB®

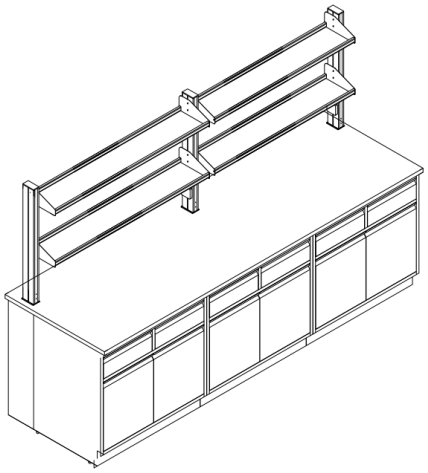
Selecting Lab Workbenches

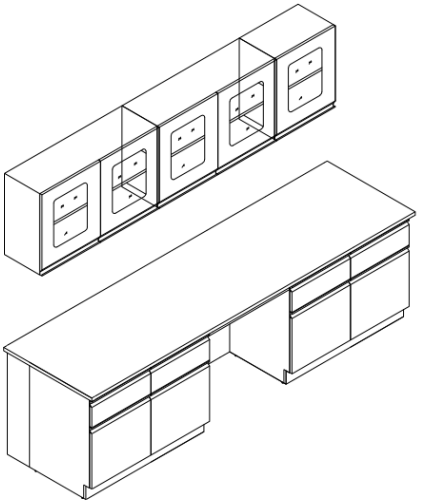












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