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Stainless Steel Lab Table



- Stainless steel table with cabinet is designed with knee space and can be used for maximum storage, too. Stainless steel countertops, base cabinets, wash areas, sinks are perfect for facilities requiring sanitizing and sterilization.

- Loading capacity, 300kg/m²

- Standard Depth:

Side Table- 750mm, 650mm, 600mm;

Island Table- 1500mm, 1300mm, 1200mm;

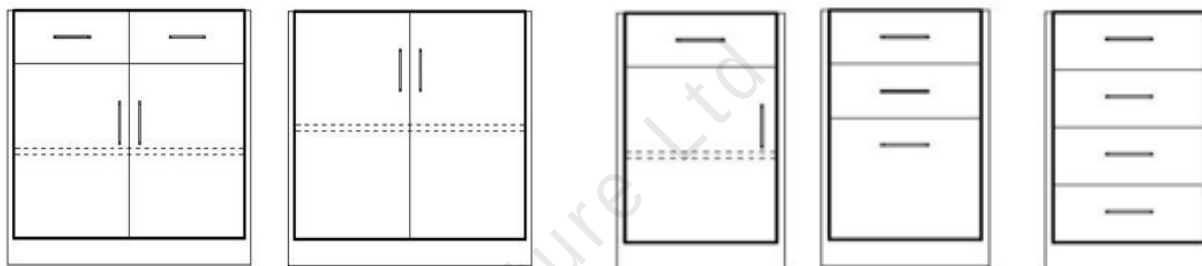
- Standard Height: 900mm, 850mm;

Standard Base Cabinet:

- Provided without locks; (can add locks)
- Standard construction is 304 stainless. Type-316 stainless cabinet construction is also available.
- Our stainless steel casework have the same construction detail as our steel cabinets.
- Standard cabinet is made entirely of 1.0mm thickness high quality stainless steel, welding structurer, which provides strength and durability;



Standard Base Cabinet:



Component	Specification & Description
Standard Cabinet Width	Single-Door: 450mm Double-Door: 850mm
Tabletop Options	304 Stainless Steel (Standard): Optimal balance of durability and cleanability. Epoxy Resin (Optional): Superior resistance to acids, solvents, and organic compounds.
Primary Material	304 Stainless Steel for entire structure (316L upgrade available)
Cabinet Construction	Modular, sectional units with full-penetration welding for strength and safe shipping.
Doors & Drawer Fronts	Double-Wall Structure for rigidity, sound dampening, and a premium feel.
Interior	Includes one adjustable shelf per cabinet for flexible storage.
Hinges & Drawer Sliders	Soft-Close Hinges (110°/175°, >50,000 cycles) Standard Butt Hinges (Stainless Steel) Heavy-Duty Stainless Screw-Type Hinges (High Load Capacity)
Top Edge Profile	Smooth, rounded coved edge to prevent injury and facilitate cleaning.
Load Capacity	700 lbs (approx. 300 kg) distributed load.
Leveling Feet	Adjustable nylon feet, chemical-resistant, for stability on uneven floors
Optional Sink Module	Integrated one-piece 304SS sink (~500x400x300mm, rounded corners). Choice of cold water or cold/hot mixer tap.
Compliance & Certification	Manufactured under ISO quality systems . Products comply with CE standards . Materials and quality verified by SGS . Certificates available upon request.

Knee Space Panel:

- Used between two cabinets or between a cabinet and a leg;

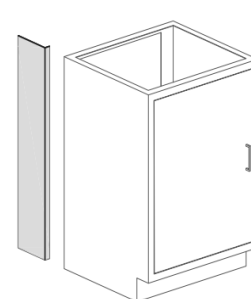
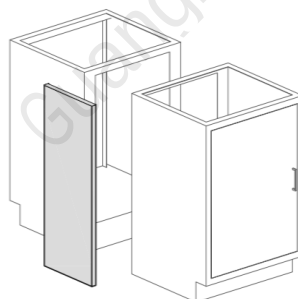
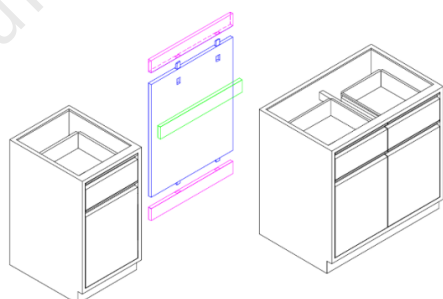
Include 2 back links, 1 front link and 1 back panel; size will be marked on it, and 1 set packed together.

Island Filler Panel

Used between 2 cabinets

End Filler Panel

Used between cabinet & wall





The right top material is crucial for longevity and safety.

• 304 Stainless Steel Top:

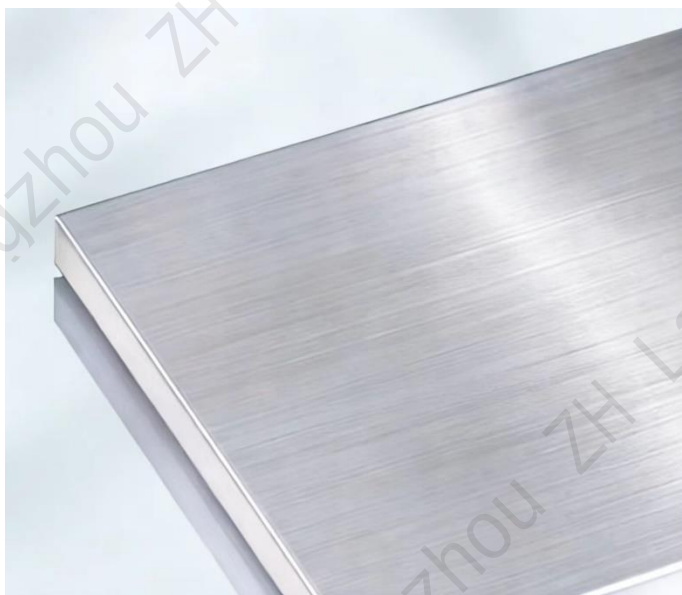
- Best For: General lab work, biological applications, food processing, and environments requiring frequent sterilization (autoclavable adjacent surfaces).

- Properties: Highly durable, heat resistant, scratch resistant, and easy to clean. Offers a classic, professional look.

• Epoxy Resin Top:

- Best For: Chemistry labs, pharmaceutical R&D, and any process involving aggressive acids, alkalis, or organic solvents.

- Properties: Exceptional chemical resistance, non-porous, seamless sink integration possible, and resistant to thermal shock. Available in various colors.



304 Stainless Steel



Epoxy Resin



Clean Room Table

Stainless steel is one of the most durable laboratory casework materials out there. *We are your one-step-shop for top quality commercial stainless steel table.*

Standard Size:

W1200*D600*H900mm;

W1500*D600*H900mm;

W1500*D750*H900mm;

W1800*D750*H900mm;



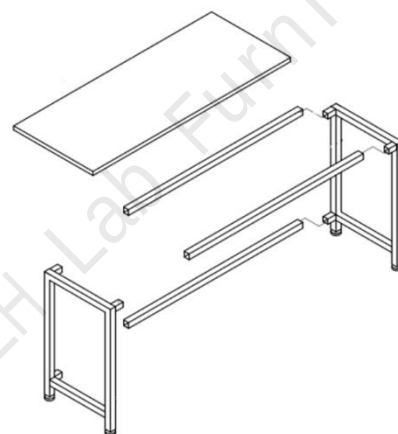
Material:

Worktop: 1.2mm thickness 304 Stainless Steel, With reinforcement on the underside to add strength;

Legs: 50*50*1.2mm 304ss tube or 40*40*1.2mm 304ss tube,

Features:

- Standard table is type 304ss, 316ss table is also available.
- Heavy duty, loading capacity-300kgs/m.
- Top Design: Solid, Perforated
- Type: Fixed Height
- Adjustable nylon leveling feet (or stainless leveling feet) resist broad range of chemicals.
- Easy installation, screw holes are made in our factory.
- Can add under shelf for easy storage.
- Can add wheels for easy movable. (2 locking, 2 standard)
- Can add back splash.





Why Choose Our Stainless Steel Workbenches?

- **Superior Hygiene & Cleanability:** Non-porous, seamless surfaces prevent bacterial growth and allow for quick, effective sterilization with harsh biocides or alcohol.
- **Exceptional Durability:** Constructed from high-grade 304 or 316L stainless steel, resistant to corrosion, heat, and impact.
- **Certified Quality:** Our products and manufacturing process are backed by ISO, CE, and SGS certifications, ensuring international standards are met.
- **Precision Craftsmanship:** Featuring seamless, full-penetration welds that are smooth, free of slag or burrs, and eliminate dust traps for superior cleanliness.
- **Heavy-Duty Performance:** Designed to support demanding workflows with a robust load capacity of 200 kg per square meter.



304 vs. 316L Stainless Steel: How to Choose?

The right grade ensures longevity in your specific environment.

- **304 Stainless Steel (The Standard Choice):**
 - **Composition:** 18% Chromium, 8% Nickel.
 - **Best For:** Excellent all-rounder for general laboratories, educational facilities, electronics assembly, and areas where exposure to mild chemicals and organic materials is common.
 - **Advantage:** Optimal cost-effectiveness for most applications.
- **316L Stainless Steel (The Premium Corrosion-Resistant Choice):**
 - **Composition:** 16% Chromium, 10% Nickel, 2% Molybdenum.
 - **Best For:** Environments with high chlorides, acids, or saline exposure. Essential for



pharmaceutical processing, coastal facilities, chemical labs, and food processing with salt or acidic ingredients.

· Advantage: Superior resistance to pitting and crevice corrosion. The "L" denotes low carbon, enhancing weldability and corrosion resistance.

Note: Due to the molybdenum content and higher nickel, 316L stainless steel commands a higher price point than 304. Our experts can help you make the most economical and durable choice for your needs.

304 Vs 316

Stainless Steel Comparison Analysis



304 Stainless Steel



316 Stainless Steel

Main
Composition

18% Chromium
8% Nickel

Added 2-3% Molybdenum

Corrosion
Resistance

Suitable for Weak
Acids and Bases

3-5 Times Stronger

High Temperature
Resistance

Up to 600°C

Up to 800°C

Price Cost

Basic Price

1.5 Times the Price of
304 Stainless Steel



Frequently Asked Questions (FAQ)

Q: What is the typical lead time?

A: For standard configurations, lead time is approximately **15-20 working days**. OEM custom projects are quoted individually and may have longer lead times.

Q: How significant is the price difference between stainless steel and epoxy resin tops?

A: Epoxy resin tops involve a more complex manufacturing process and raw material cost, making them **a premium-priced option compared to standard stainless steel**. The exact difference depends on the size and thickness.

Q: How significant is the price difference between 304 and 316L?

A: Due to the raw material cost, **316L tables are more expensive than 304**. The exact difference depends on the project size and specifications. Contact us for a precise quote.

Q: Is assembly difficult?

A: No. Our units are designed for easy assembly. All necessary holes are pre-drilled, and we provide clear **installation diagrams** with every shipment.

Q: Do you provide installation drawings?

A: Yes, detailed **installation diagrams and product photos** are provided with your order to assist with setup.

Q: What is included in the 2-year warranty?

A: The warranty covers any failure due to defects in material or factory workmanship under normal use. It does not cover damage from misuse, improper modification, or lack of maintenance.

Q: Can you help with layout planning?

A: **Absolutely**. Our technical team can provide layout assistance based on your lab dimensions and workflow. CAD drawings are available for customized projects.