



ORIONER HIGHTECH SDN. BHD.

AUTHORIZED MALAYSIAN DISTRIBUTOR



ORIONER HIGHTECH SDN. BHD.

2-3-09A, Wisma Rampai, Taman Sri Rampai
53300 Kuala Lumpur, W.P. Kuala Lumpur, Malaysia
Office: +603 4144 3888 Mobile: +6017 630 1425
Email: info@orioner.com Website: www.orioner.com



Website



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Products manufactured by Guangdong Ever Great
and distributed in Malaysia by Orioner.

**PROFESSIONAL
DESIGN**

About Orioner



Orioner Hightech Sdn. Bhd. is a Malaysian engineering and scientific-equipment company providing laboratory, pilot-plant and industrial solutions, including consultation, layout planning, supply, installation, commissioning and after-sales support.

The laboratory furniture and related products in this catalogue are manufactured by Guangdong Ever Great Laboratory Equipment Co., Ltd. and distributed in Malaysia by Orioner.

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Manufacturer Project References



Laboratory furniture can be divided into laboratory bench and laboratory cabinet according to function

(1)Laboratory Bench including: Lab Bench, Instrument Bench, Washing Bench, Dissection Bench, Sampling Bench High Temperature Bench etc.

(2)Laboratory Cabinet including: Safety Storage Cabinet, Drug Cabinet, Toxic Item Cabinet, Glassware Cabinet, Flammable Cabinet, Filling Cabinet, Changing Cabinet, Specimen Cabinet, Sample Cabinet and Cylinder Cabinet etc.

Laboratory furniture can be divided into steel and wood, all steel, PP, and stainless steel.

Side Table Of Laboratory

- Conventional standardized modules can be assembled on demand to maximize the use of laboratory space;



- Specification: 4800mm * 750mm * 850mm
- Worktop Material: According to customer requirements (Phenolic Resin Worktop / Epoxy Resin Worktop / Trespa Worktop / Ceramic Worktop)
- Cabinet body is made of 1.0mm cold-rolled steel sheet, cutting with Laser and bending production, with well performance in supporting and long lifetime.
- Door with double layer design and embed with Sound Isolation Material, Door and Drawer with Collision-Proof Pad.
- Drawer Rail: With three mute rail, easy to slide, less noise.
- Hinge: Stainless Steel 304 material, anti-corrosion with 180 degree opening and Self-closing function is available.

Side Bench(Table),Wall Bench(Table)



Center Bench(Table), Island Bench(Table)

- The central experimental platform is the main component of laboratory furniture and is suitable for placement in the middle of the laboratory. It is the main platform for conducting experimental activities.
- Suitable for multifunctional laboratories where various experimental environments can be freely changed, with various designs such as convex three-dimensional design or outer cover sloping edges.



- As a main component of laboratory furniture, the island bench is suitable for the middle position of the laboratory and is the main platform for experimental activities.
 - It is suitable for multi-functional laboratory and can change various experimental environments at will, such as convex three-dimensional design or upper level of outer cover.
 - Specification: 3700mm * 1500mm * 850mm
 - Worktop Material: According to customer requirements (Phenolic Resin Worktop / Epoxy Resin Worktop / Trespa Worktop / Ceramic Worktop)
 - Cabinet body is made of 1.0mm cold-rolled steel sheet, cutting with Laser and bending production, with well performance in supporting and long lifetime.
 - Door with double layer design and embed with Sound Isolation Material, Door and Drawer with Collision-Proof Pad.
 - Drawer Rail: With three mute rail, easy to slide, less noise.
 - Hinge: Stainless Steel 304 material, anti-corrosion with 180 degree opening and Self-closing function is available.
- Construction type: Floor mounted, Steel frame with hanging cabinets, and Steel frame with movable cabinets.



Steel Glasses Reagent Shelves

- Generally installed on the top of laboratory bench, laboratory cabinet, island table, the main role is to place glassware, test tubes, drugs, etc., in order to facilitate the experimental operation.
- With 1.0mm cold-rolled steel sheet through CNC cutting and bending forming, all exposed parts of the workpiece with full seam welding after polished, the surface is smooth without scraping hands, can be suspended according to needs, the shelves is 12mm thickness high-quality tempered glass, the edge installed stainless steel guardrail or aluminum guardrail.



All Steel Multi-Functional Reagent Shelves

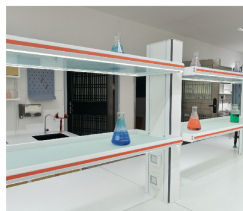
- Specification: 3000mm * 400mm * 800mm
- With beautiful appearance, convenient installation and good load-bearing performance to 50KG for each single shelves. Using cold-rolled steel sheet of 1.0mm is formed by CNC punching and bending. All exposed parts of the workpiece are welded with full joints and polished, and the surface is smooth without scraping hands. Features panels for mounting receptacles, taps, gas taps, and other terminal equipment.



Aluminum Alloy Multi-Functional Combination Reagent Shelf

Material Specification:

- Column front and rear profiles: integrated aluminum profile;
- Column left and right side plate: 5 mm white compact laminate;
- Layer board: 12mm tempered sandblasted glass;
- The guardrail is the aluminum material guardrail which opened mould by ourselves. Columns and guardrails can be inserted with decorative strips of different colors.



Ventilation System



New European standard Fume hood

- Orion's first-generation high-performance narrow-edge fume hood has passed the national standard test, US standard test and European standard test provided by SGS, the world's leading third-party testing organization. Under the condition of surface wind speed 0.3m/s, the air flow visualization test and the smoke vision test reached the high coincidence level, and the detection result showed that the gas leakage was 0.000 MP.



Large volume flow display



Interference test



SF6 concentration – middle



Inner plane

Fume Hood

- The Fume hood is an indispensable part of the furniture in the laboratory, which plays the role of ventilation and ventilation in the laboratory. In order to prevent laboratory staff from inhaling or swallowing some toxic, sickening or toxic chemicals and organisms, there should be good ventilation in the laboratory, so the Fume hood is also a vital component of the laboratory.



Floor Mounted Fume Hood/Walk-in Fume Hood

- Floor mounted fume hood is important ventilation equipment in laboratory work. The fume hood can effectively exhaust the gas out through the ventilation system, fully isolating the experimenter from the toxic and harmful gas, the safety for the experimenter.



Stainless Steel Fume Hood

- Specification: 1800*850*2350mm
- Made of high quality Stainless Steel 304 material, with soft body line, good performance on supporting and flexible assembling, and good for the chemical resistant, in hence to meet the high requirement of the laboratory work.



Stainless Steel Cutting-up Bench



Steel Cylinder Cabinet

- Specification: 900mm * 450mm * 2000mm
- The cylinder cabinet used to improve localized exhaust ventilation and protect cylinders from fire outside the cabinet and surrounding material from internal fire.
- The purge system, alarm and vent could be installed inside the cylinder cabinet, with one, two and three bottle positions.
- The bottom has a flap for easy loading and unloading of gas cylinders.



Flammable Cabinet

- Flammable cabinet is to store all kinds of production or life material or data of safety protection articles, the role is to store. Different types of chemicals, medicaments, documents, CD-ROM, etc. may be used in the work site, so different types of flammable cabinets are required for storage.



- Double-layer 1.0mm fireproof steel plate structure, two layers of steel plate spacing 40mm, the surface with pickling phosphating coated epoxy resin powder; Zinc-plated laminate, anti-corrosion, anti-liquid leakage, shelves with 150 kg bearing capacity; An anti-leakage tank 50mm high at the bottom of the cabinet can prevent the chemical liquid from spilling out; The lock can be electronic password lock + mechanical lock, anti-theft alarm or double heaven and earth lock, double lock control, double management, the cabinet body is equipped with electrostatic grounding conduction port, convenient connection of electrostatic grounding conductor; Depending on the capacity, it is generally divided into 12 gallons, 30 gallons. 45 gallons.

Stainless Steel High Cabinet

- It is mainly used in the clean workshop of laboratory, biological pharmacy, etc., to store drugs, with excellent anti-corrosion performance, stainless steel material without epoxy powder coating, it will not have the problem of coating peeling off, in line with the characteristics of high cleanliness of clean workshop, meet the requirements of GMP.



All Steel High Cabinet Series



Stainless Steel Bench

- Made of high quality Stainless Steel 304 material, with soft body line, good performance on corrosion resistance, easy to clean, long life time. Mostly use in the laboratory, biological pharmaceutical clean workshops.



Clean Stainless Steel Washing Basin

- The clean stainless steel wash basin is mainly used in the clean workshop of laboratory, biological pharmacy, etc. Due to the relatively small space in the clean workshop and fewer users, the single wash basin is usually used. Most cleaning workshops are equipped with a faucet for purified water, so the sink is generally not equipped with a faucet.



Stainless Steel Mop Sink/Stainless Steel Stool

- For laboratory cleaning, mop pool is not only convenient for cleaning cloth, or mop, but also can effectively prevent sewage pollution.



- widely used in clean rooms of hospitals and laboratories, biopharmaceuticals and cosmetics factories. Anti-static, adjustable, beautiful appearance.



Stainless Trolley / Weighting Trolley

- Stainless steel trolley used in clean rooms of hospitals and laboratories, biopharmaceuticals and cosmetics factories. Adopt medical mute casters, suitable for quiet environment. The weighing trolley adopts weighing casters with a single layer bearing 50KG.



Stainless Steel Atomic Absorbing Hood

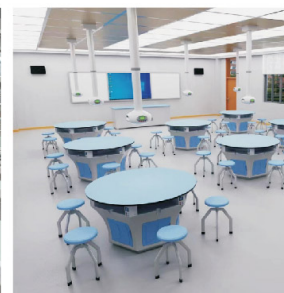
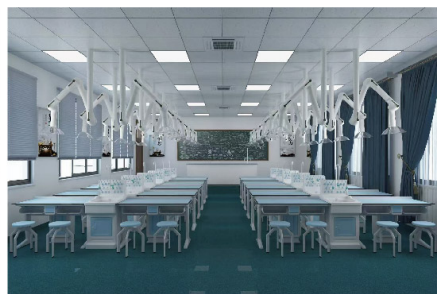
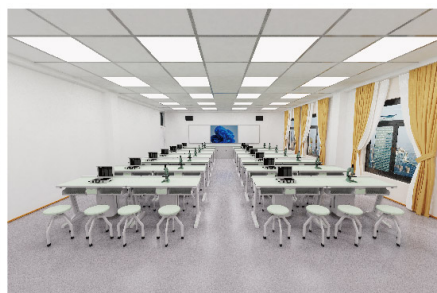
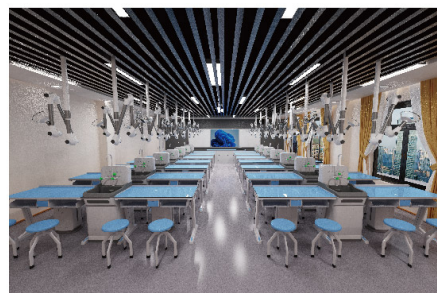
- A laboratory exhaust facility similar as the fume hood. Atomic absorbing hood is generally made of stainless steel. It can prevent the spark produced by the fan rotation from detonating combustible solvent, which will cause unnecessary safety accidents and bring harm to the laboratory staff.

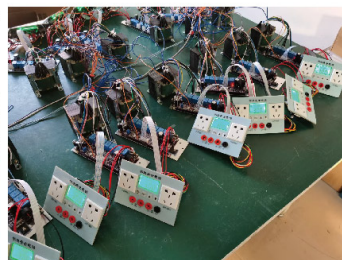


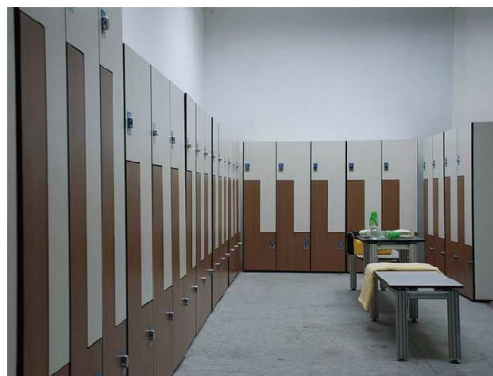
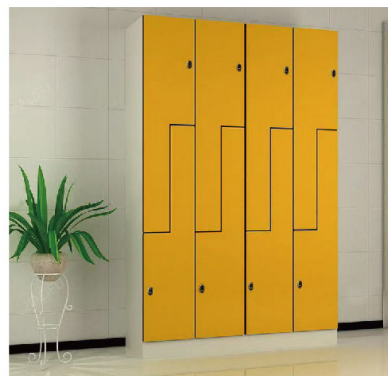
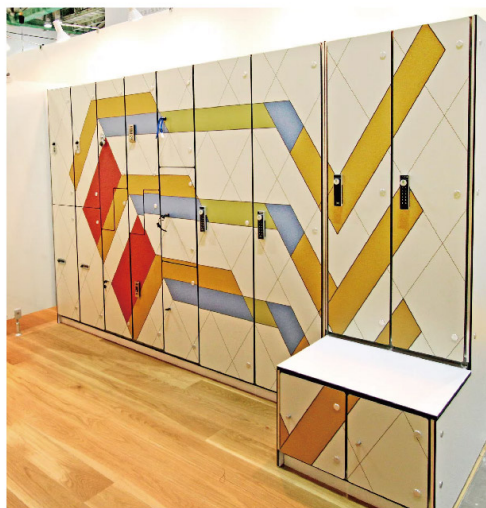
Stainless Steel pass box

- The pass box is a kind of air purification equipment, which is mainly used for the transfer of small and medium items between the clean area and the clean area, and between the clean area and the non-clean area, so as to reduce the number of clean room doors, and reduce the pollution to the clean room to the minimum. The whole body is made of high-quality stainless steel sheet, the two doors adopt mechanical interlock or electronic interlock, effectively prevent cross pollution, equipped with 40W ultraviolet sterilizing lamp. Clean transfer window is widely used in hospital or clean room and other air purification places.









Phenolic Resin Board Furniture

- Furniture made of solid-core rationalized board has the following advantages: environmental health: formaldehyde-free, acid and alkali resistance, good abrasion resistance and scratch resistance, the material can mimic a variety of natural wood texture, the appearance can be designed to be very beautiful, light and easy to clean.



