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Health • Service • Future



BIOBASE CLEANROOM PROJECT & LAB FURNITURE ONE-STOP SOLUTION

Version 2026-2027



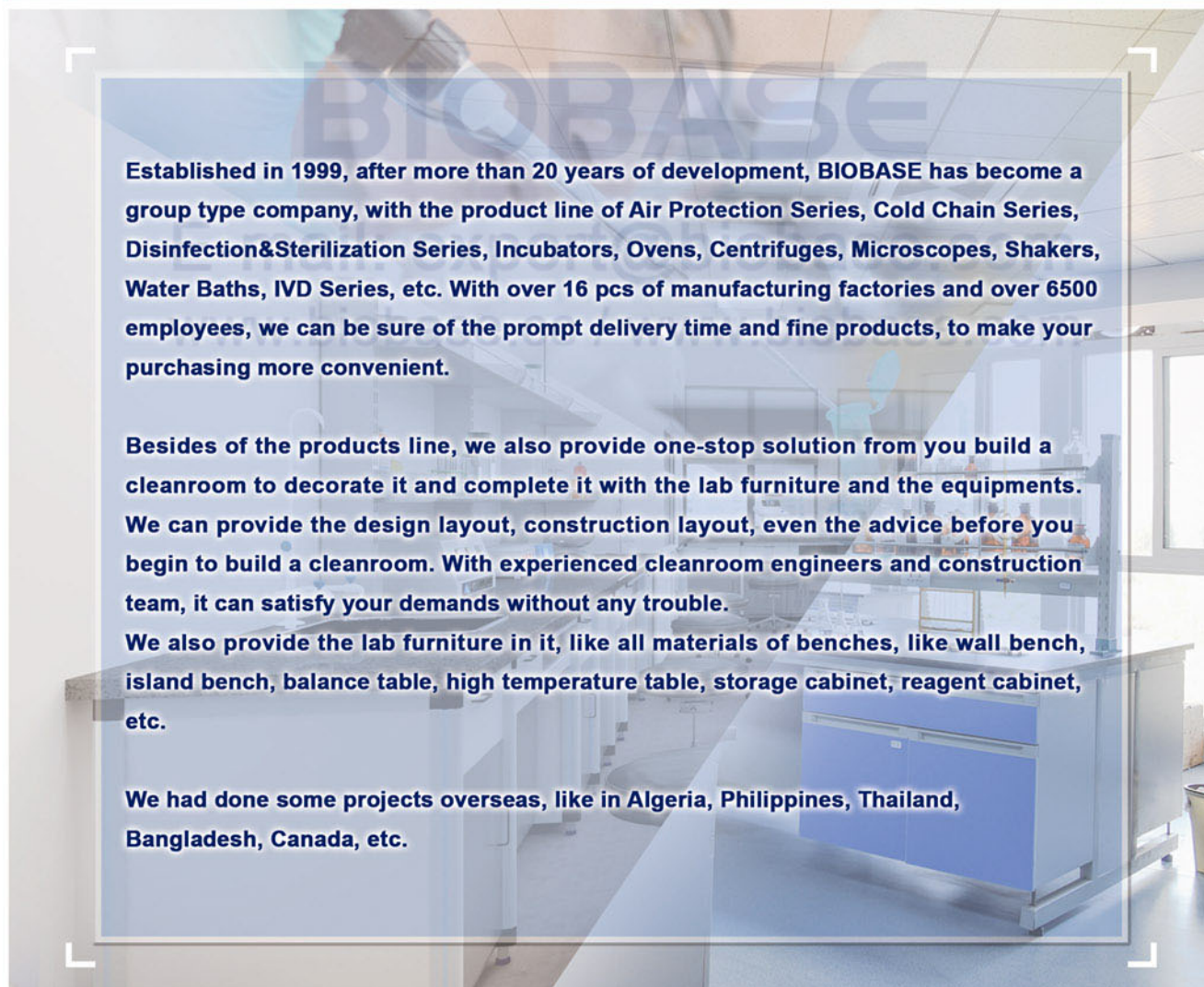
INTRODUCTION

Established in 1999, after more than 20 years of development, BIOBASE has become a group type company, with the product line of Air Protection Series, Cold Chain Series, Disinfection&Sterilization Series, Incubators, Ovens, Centrifuges, Microscopes, Shakers, Water Baths, IVD Series, etc. With over 16 pcs of manufacturing factories and over 6500 employees, we can be sure of the prompt delivery time and fine products, to make your purchasing more convenient.

Besides of the products line, we also provide one-stop solution from you build a cleanroom to decorate it and complete it with the lab furniture and the equipments. We can provide the design layout, construction layout, even the advice before you begin to build a cleanroom. With experienced cleanroom engineers and construction team, it can satisfy your demands without any trouble.

We also provide the lab furniture in it, like all materials of benches, like wall bench, island bench, balance table, high temperature table, storage cabinet, reagent cabinet, etc.

We had done some projects overseas, like in Algeria, Philippines, Thailand, Bangladesh, Canada, etc.



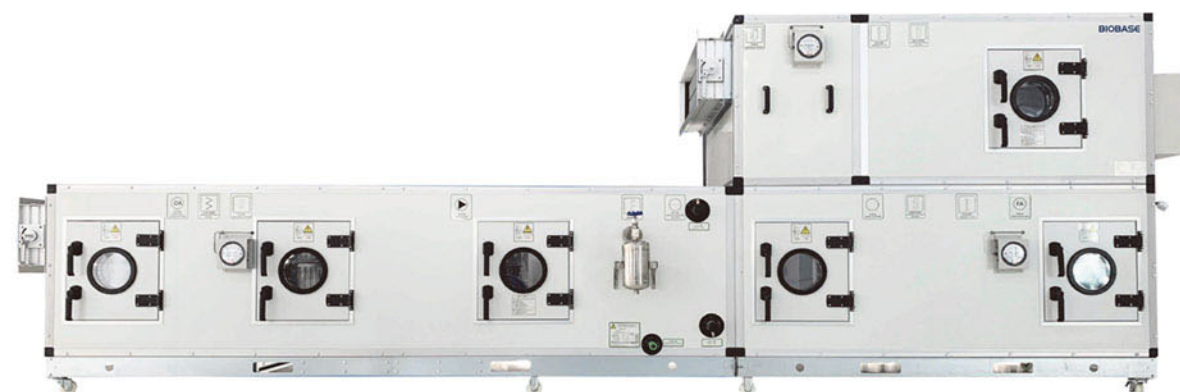
CONTENT

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- 2.9 Stainless Steel Washbasin
- 3.0 Stainless Steel Changing Shoe Cabinet



Air Handling System

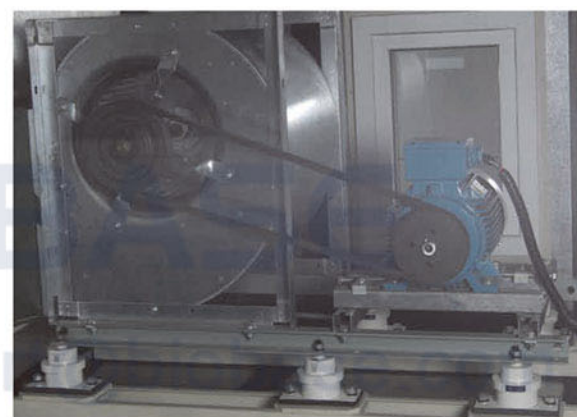
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Combined Air Handling Unit



Dry Water Tray



Belt Drive Fan



Humidifier



01

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Air Handling System



Self-controlling cabinet
Installation Example



Self-controlling cabinet



UV lamp



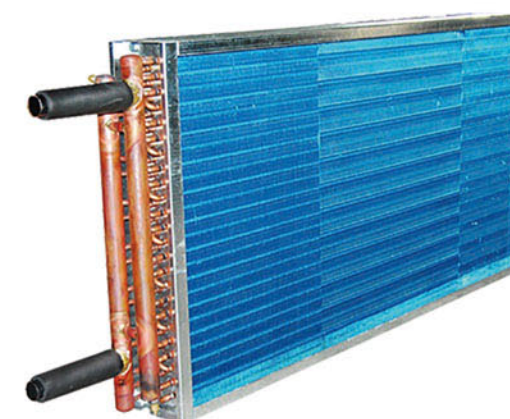
Electrical heater



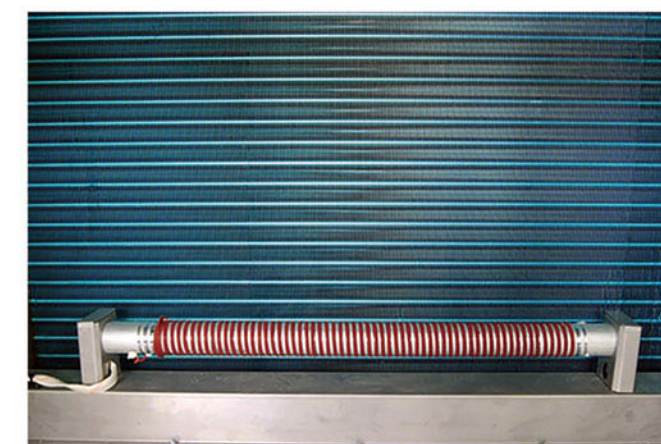
Damping spring



Motor & air fan



Cooling coil



Heat presentation

02

Purification Aluminum Alloy

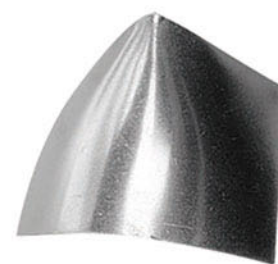
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Ceiling panel hanging
aluminum frame



Circular window
aluminum frame



Door seal head



HJ5002 Door related
aluminum alloy



HJ5008 Outer column
aluminum alloy



HJ5011 Window related
aluminum frame



HJ5015 Slot
aluminum alloy



HJ6401 Inner arc
aluminum alloy



Inner joint corner
aluminum



JH27 panel-panel
connecting aluminum



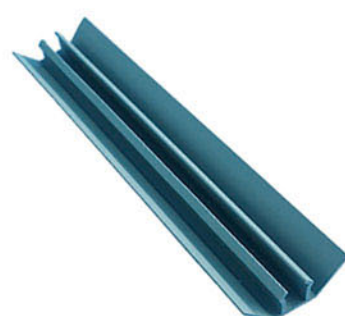
JH65 Hanging
aluminum beam



Outer joint corner
aluminum



Pass box accessory



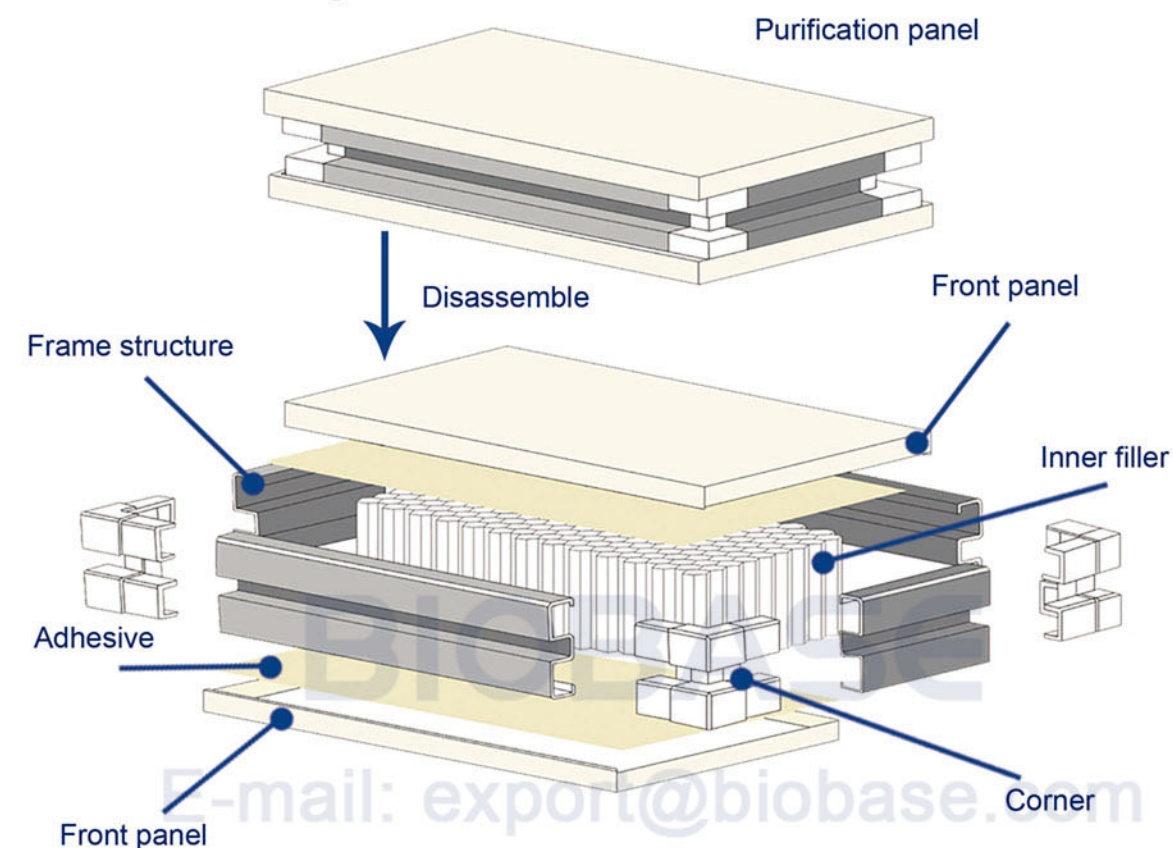
Plastic pedestal

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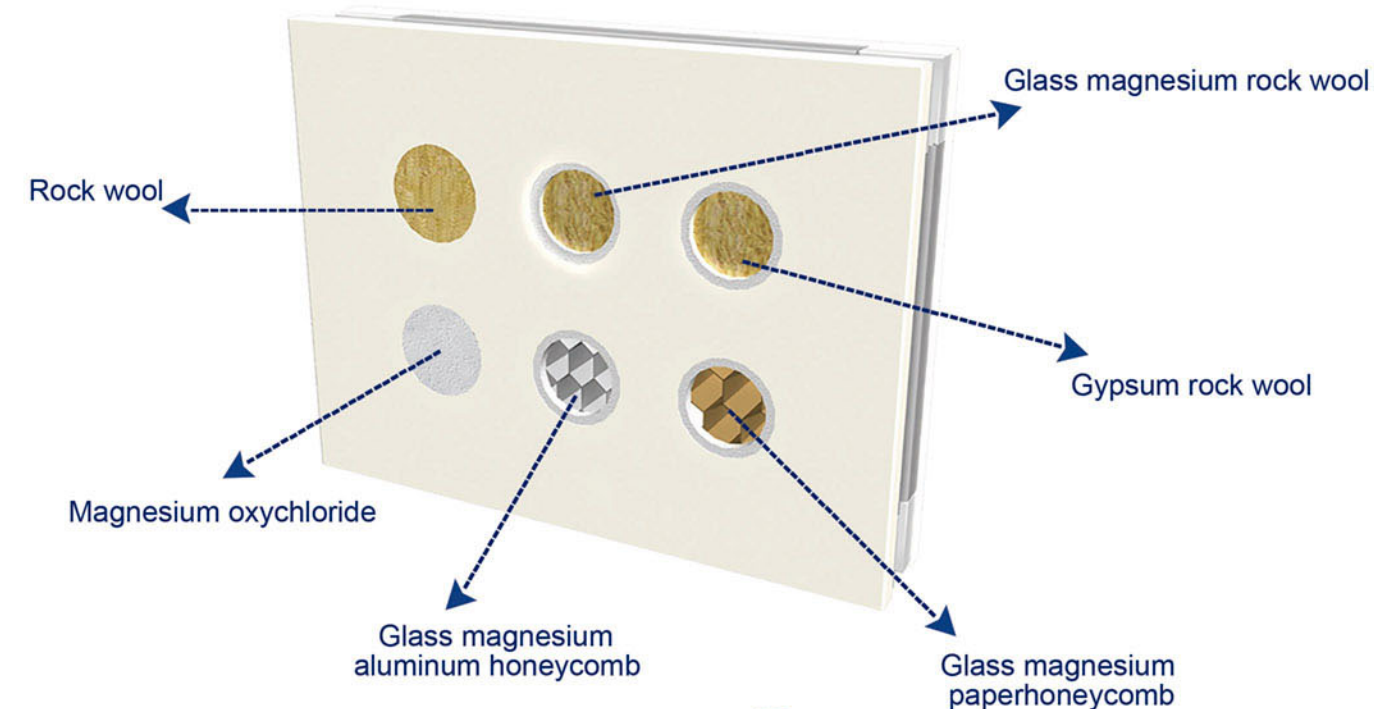
Purification Color Panel

Product mix

Panel structure diagram:



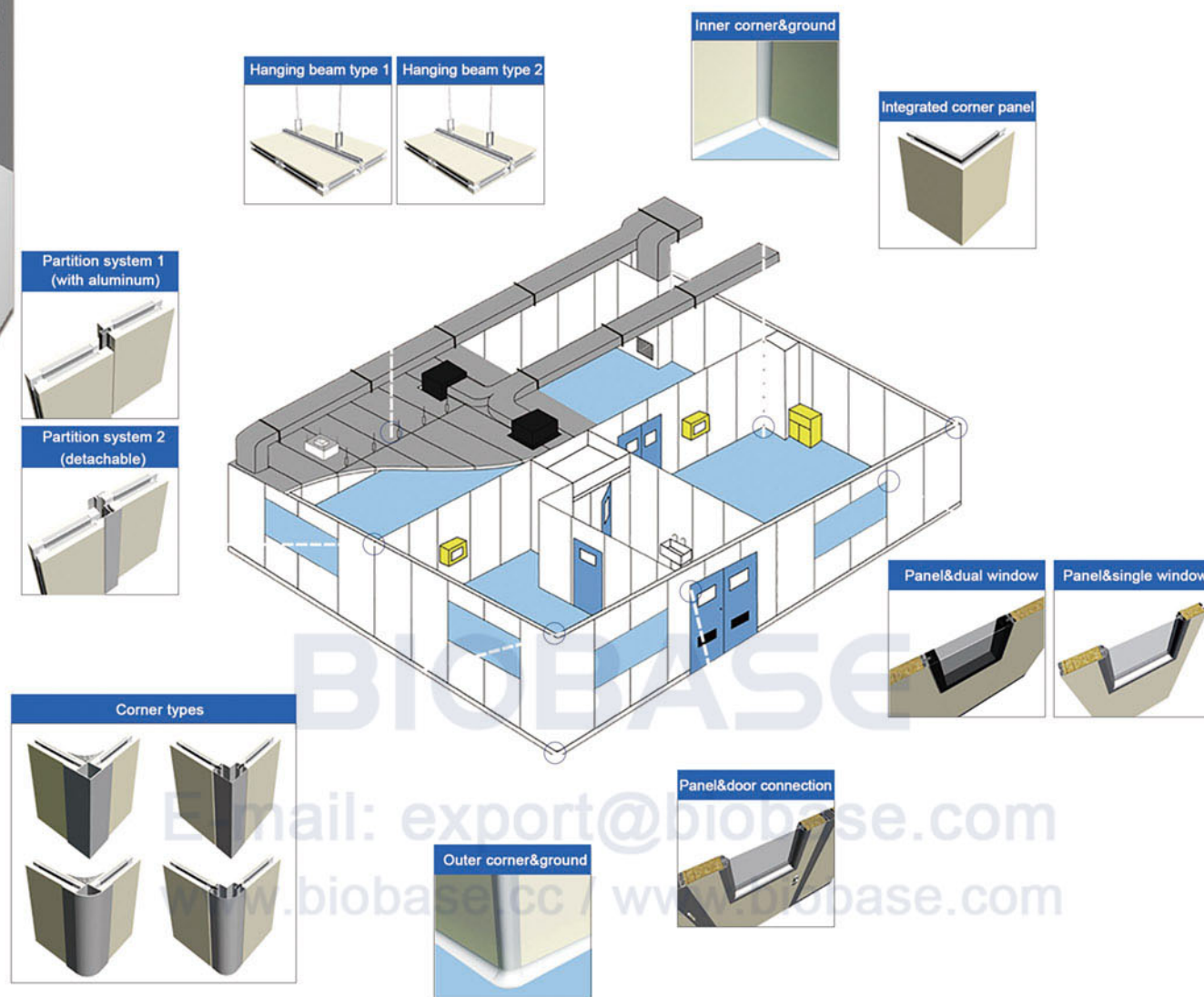
Different kinds of core materials can be selected as the inner filler of the purification panel according to the different environment:



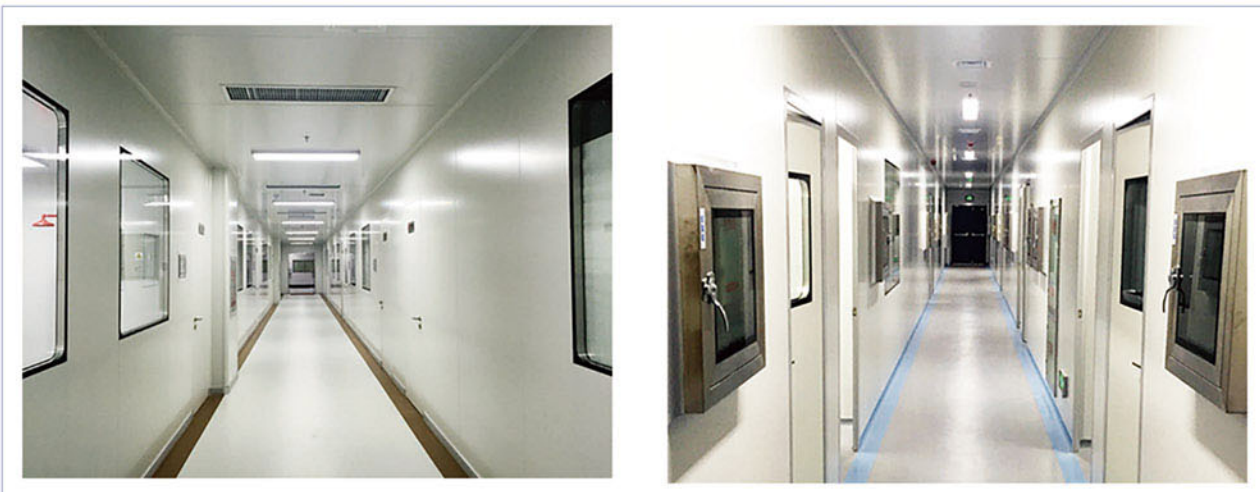
Purification Color Panel

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Product Presentation:



Engineering Case:



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Purification Door



Show Details:



Details of cleanroom door

Purification Window

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Double layer fixed hollow purification window

1.Introduction:

The double layer fixed hollow window is composed of two pieces of toughened glass, which is separated by a hollow aluminum alloy enclosure filled with desiccant in the middle of the glass. Meanwhile, the hollow part is filled with dry air or inert gas.

2.Specification:

Thickness: 50mm, 75mm, 100mm

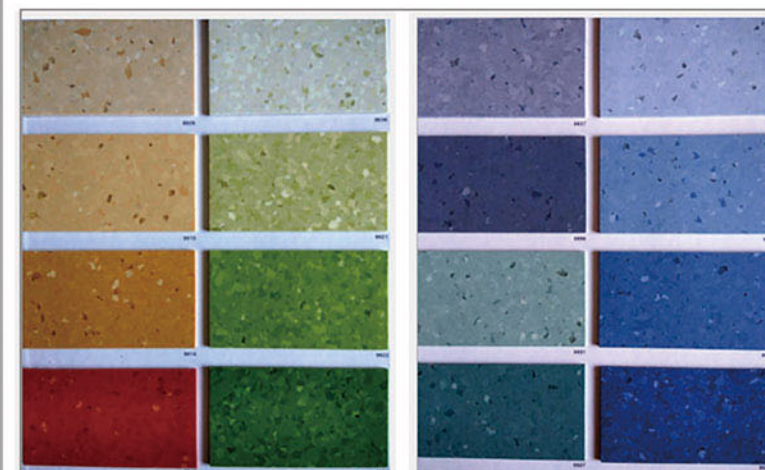
Max width: 2360mm

Aluminum frame width: 40mm, 65mm, 90mm

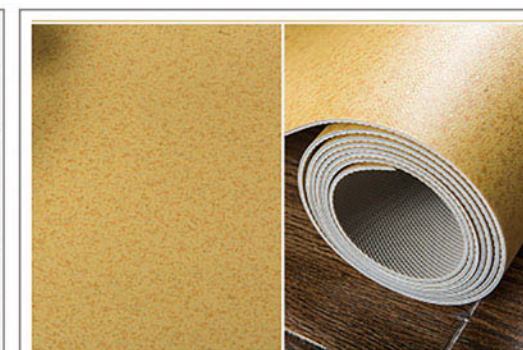
Toughened glass thickness: 5mm

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PVC Floor



Available colors 1/2



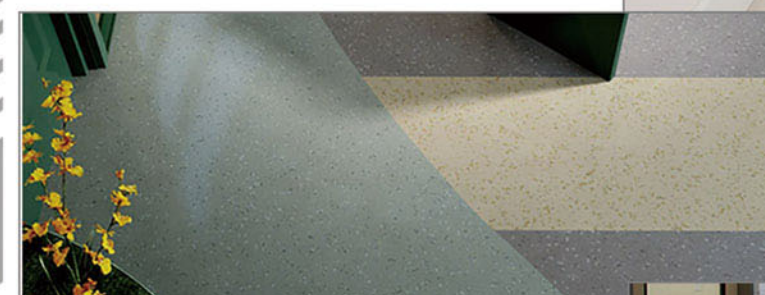
PVC roll



PVC roll&installation



Project case 1



Project case 3



Project case 2



Project case 4

Ventilation system

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Air controlling valve



Electric valve



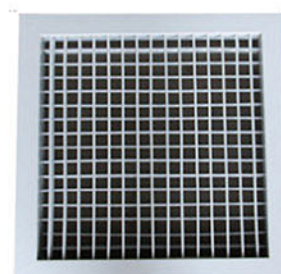
Fireproof valve



Air diffuser



HEPA filter



Return air window



Returning air inlet



FFU



Swirl diffuser



Supplying air outlet



Air grille



Air duct



Insulation plate



Ventilation duct system1/2



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Filter

Features:

- 1.High efficiency, 98%-99.9995%
- 2.Low resistance
- 3.Long lasting
4. homogeneous wind



HEPA filter1/2

Features:

1. Sturdy structural design
2. High dust concentration and long service life
3. low initial pressure
4. Light structure, easy to install
5. High quality fluffy multi-layer artificial fiber filter paper



Medium filter1/2



Primary filter1/2

Features:

- 1.small resistance, large volume
2. High dust collection rate
- 3.Light structure, easy to install
- 4.filter class:G3,G4,F5,F6,F7, F8(EN779)
- 5.available of INTERSEPT Antibacterial filter paper



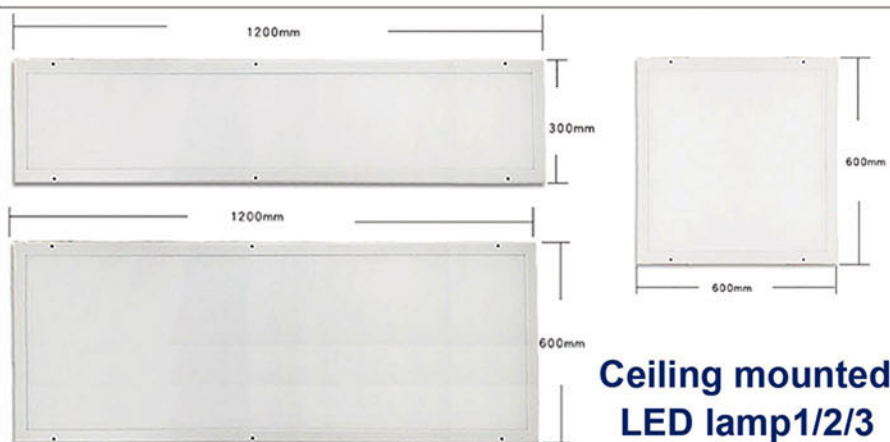
Sub-HEPA filter1/2

Features:

- 1.V frame, to reduce structural pressure
- 2.with flange, easy to install
3. Seamless foam sealing technology ensure of no leakage

Purification Light Fixture

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Ceiling mounted
LED lamp1/2/3



Curved rod
UV lamp



Tri-proof lamp



Purification lamp



UV lamp



Use of hospital corridors



Use of hospital wards

Use of laboratory



Indicator lamp



Grille lamp

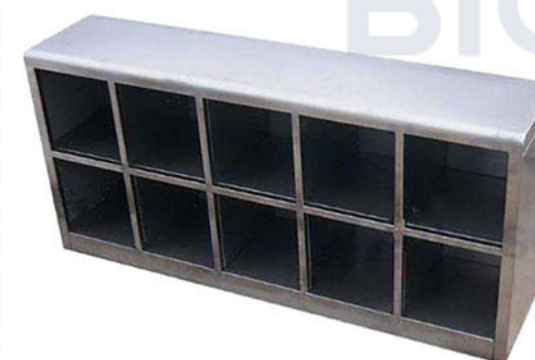
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Purification Accessories



Dressing cabinet

Floor drainage



Shoe Cabinet



Induction hand basin



Sink

Clinical Lab

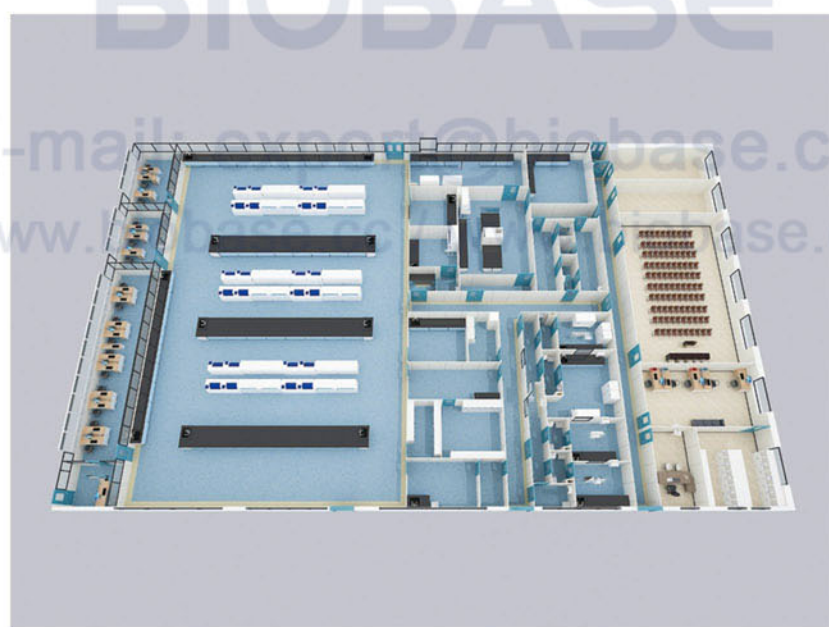
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Introduction:

The laboratory is a department that uses physical, chemical, biological and other methods, with the help of a variety of testing and scientific research equipment, to test and measure human blood, urine, stool and various body fluid specimens, and issue test reports, thereby revealing the pathogenic factors and providing an objective basis for diagnosis and treatment.

Components:



Partition	Division
General Testing Area	Clinical laboratory (blood, urine and feces are separated), large automatic analyzer area, immunofluorescence room
Microbiological, Fungal & Viral Testing Area	Fungus culture, inoculation, instrumentation, identification, analysis, PCR analysis, (HIV) virus analysis, identification
Auxiliary Rooms	Water treatment room, UPS room, contamination room, disinfection room
Storage Room	Warehouse, cold storage room
Doctor's Office Area	Male and female locker rooms, male and female duty rooms, director's room, conference room (demonstration room), data room

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Blood Transfusion Department



Introduction:

The blood transfusion department (blood bank) is responsible for the planned application of blood use in the hospital, providing blood for clinical patients' surgery and treatment, and matching blood for patients' transfusions. Routine work includes: blood typing, blood transfusion examination and cross-matching, etc., as well as conducting other laboratory tests, diagnosing neonatal hemolysis and other hemolysis tests.

Components:

1. The area of department rooms should be able to meet the needs of their tasks and functions. In principle, the area of tertiary hospitals should be no less than 80m², that of secondary hospitals should be no less than 50m², and that of blood storage rooms should be no less than 30m².
2. Recommended standard for the reference ratio of the usable area to the number of beds:



Number of Beds	Usable Area (m ²)
<150	≥30
150~300	≥50
300~500	≥60
>500	≥80

Pathology Department

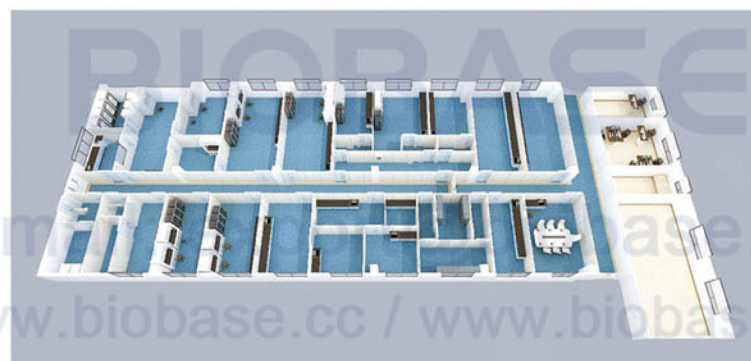
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Introduction:

The Department of Pathology is a department in the hospital that conducts pathological diagnosis. Its main task is to provide clear pathological diagnosis, determine the nature of the disease, and find out the cause of death through biopsy, exfoliative and fine needle aspiration cytology, and autopsy during the medical process.

Components:



Partition	Division
Pathology Service Area	Specimen receiving area, service desk
Intraoperative Rapid Pathology Area	Frozen specimen collection room, frozen slide preparation room, frozen diagnosis room
Cytopathology Area	Cell puncture room, cell slide preparation room, cell diagnosis room
Conventional Pathology Technology Area	Specimen collection room, specimen storage room, specimen dehydration room, specimen packaging room, routine slide preparation room, routine H&E staining room, histochemistry and special staining room, immunohistochemistry room, slide drying room
Molecular Pathology Area	Fluorescence in situ hybridization room, gene amplification area, gene sequencing area, flow cytometry area
Pathology Diagnosis Area	Pathology diagnosis room, pathology consultation room, external hospital pathology consultation room, digital slide scanning room
Others	Electron microscope room, pathology archive temporary storage room
Auxiliary Area	General goods warehouse, pathology reagent temporary storage room, pathology archive room, dirty washing room
Living Area	Office, demonstration room, lounge/area, shower room, dressing room, toilet

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Operating Room



Introduction:

The operating room (OR) is a place where patients undergo surgery and emergency treatment, and is an important technical department of the hospital. The operating room should be connected to the surgical department, and should also be close to the blood bank, intensive care unit, anesthesia recovery room, etc.

Construction Scale:



1. The number of clean operating rooms in the clean operating department should be determined according to the hospital type, number of beds and annual surgical volume.
2. The functional layout of the clean operating department should be reasonable and in line with the principle of aseptic surgical technology, and should be convenient for communication and clear separation of clean and dirty areas.
3. The flow of people and goods from the non-clean area to the clean area of the clean operating department should be hygienically treated, and the staff should change shoes and clothes. The entrances and exits of medical (including medical and nursing technology, hygiene, management, etc.) personnel and patients should be separated.

Technical Parameters:

Name	Indoor pressure	Minimum ventilation times (times/h)	Average wind speed in working area (m/s)	Temperature (°C)	Relative humidity (%)	Minimum fresh air volume m3/h.m2 or times/h	Noise dB (A)	Minimum illumination (lx)	Minimum self-cleaning time in the operating room (min)
Class I clean operating room and special rooms requiring aseptic operation	Positive	-	0.20~0.25	21~25	30~60	15~20	≤51	≥350	10
Class II clean operating room	Positive	24	-	21~25	30~60	15~20	≤49	≥350	20
Class III clean operating room	Positive	18	-	21~25	30~60	15~20	≤49	≥350	20
Class IV clean operating room	Positive	12	-	21~25	30~60	15~20	≤49	≥350	30

Intensive Care Unit

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Introduction:

ICU stands for Intensive Care Unit, also known as the comprehensive treatment room of the intensive care unit. Treatment, nursing and rehabilitation can be carried out simultaneously. It provides isolation places and equipment for critically ill or comatose patients, and provides the best care, comprehensive treatment, integration of medical care and nursing, early postoperative rehabilitation, joint care and exercise therapy and other services.

Construction Scale:



1. The number of ICU beds in the critical care department of a tertiary general hospital shall not be less than 5% of the total number of hospital beds, and the number of ICU beds in the critical care department of a secondary general hospital shall not be less than 2% of the total number of hospital beds. Specialized hospitals at or above the second level (including the second level) should determine the number of beds in the critical care department according to actual work needs.
2. The location of the ICU ward should be adjacent to or close to the operating department, which is convenient for nurses to pick up and drop off patients in the operating room and reduce pollution. The surgical ICU should be located near these departments to facilitate transfer, transfer out and contact, and close to related departments such as laboratories, blood banks, etc. (which is more conducive to work).
3. The intensive care unit (ICU) has its own particularities in terms of its floor plan, personnel and logistics, ventilation and air conditioning system, electrical system, water supply and drainage system, etc.
4. The layout needs to consider the three-zone division (clean area, semi-contaminated area and contaminated area) to facilitate the organization of airflow and the formation of pressure gradients.
5. The layout of the ICU can be divided into single-sided, double-sided, three-sided, and surround types based on the relationship between the beds and the nurse station.
6. ICU Classification:

General Intensive Care Unit (GICU)		Specialized ICU			
Surgical Intensive Care Unit	SICU	Burn Intensive Care Unit	BICU	Pediatric Intensive Care Unit	PICU
Medical Intensive Care Unit	MICU	Respiratory Intensive Care Unit	RICU	Obstetric Intensive Care Unit	OICU
		Renal Intensive Care Unit	UICU	Anesthesia intensive Care Unit	AICU
Emergency Intensive Care Unit	EICU	Neonatal Intensive Care Unit	NICU	Transplant Intensive Care Unit	TICU
				Neurosurgical Intensive Care Unit	NSICU

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Hemodialysis Room



Introduction:

The dialysis room is a place that provides renal function compensation treatment for patients with chronic advanced renal failure or acute renal failure. The treatment includes hemodialysis or peritoneal dialysis, with hemodialysis as the main treatment.

Construction Scale:



1. Hemodialysis functional area. The layout and process should meet the needs of work, comply with the requirements of hospital infection control, and distinguish between clean areas and contaminated areas. It should have corresponding work areas, including general hemodialysis treatment area, isolated hemodialysis treatment area, water treatment room, treatment room, waiting area, reception area, storage room, waste treatment area (with independent garbage channel) and medical staff office area and other basic functional areas. If dialyzer reuse is carried out, a reuse room should also be set up.
Each hemodialysis unit consists of a hemodialysis machine and a dialysis bed (chair), with a usable area of not less than 3.2 square meters; the distance between hemodialysis beds (chairs) can meet the needs of medical treatment and hospital infection control, and is not less than 0.8 meters.
A nurse workstation is set up in the dialysis treatment area to facilitate nurses to observe and perform nursing technical operations on patients.
2. Auxiliary functional area. Medical expense settlement, as well as pharmacy, testing, auxiliary inspection departments and disinfection supply room, etc.
3. Management area. Departments including medical records, information, drugs and equipment, hospital infection management, and medical quality and safety management.

Intravenous Drug Preparation Center

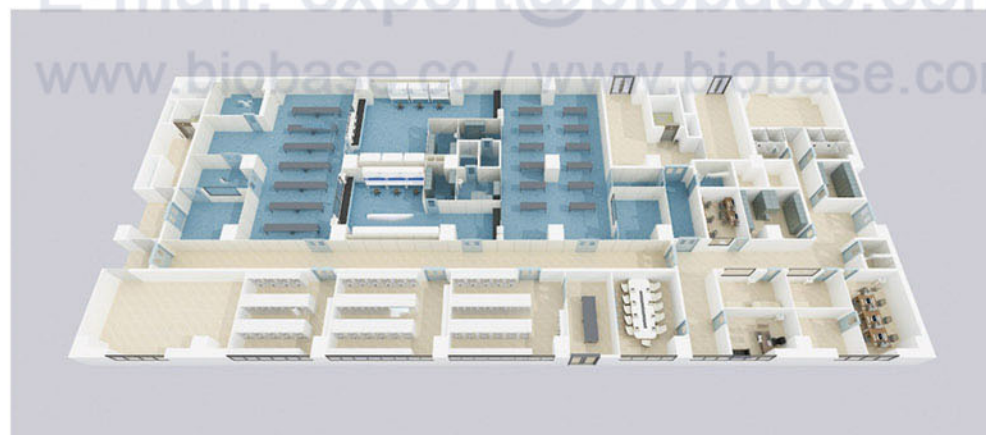
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Introduction:

It refers to an institution that provides high-quality products and pharmaceutical services for clinical use, in which prescriptions reviewed by pharmacists are prepared by specially trained pharmaceutical technicians in strict accordance with standard operating procedures, including total parenteral nutrition, cytotoxic drugs, and antibiotics.

Area Requirements:



The building area of the intravenous drug preparation center work area should be adapted to the daily preparation workload. The following configuration standards can be used as a reference:

- (1) Daily preparation volume of 1,000 bags or less: not less than 300 m²;
- (2) Daily preparation volume of 1,001-2,000 bags: 300 m²-500 m²;
- (3) Daily preparation volume of 2,001-3,000 bags: 500 m²-650 m²;
- (4) Daily preparation volume of 3,000 bags or more: increase by 50 m² for every additional 500 bags.

Note: ① The clean area should match the number of clean benches installed

② The above area does not include the area of the supporting air-conditioning room, shower room and toilet, etc.

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Reproductive Medicine Center



Introduction:

With the development of science and technology, the field of assisted reproductive technology (ART) has made continuous breakthroughs, providing an important means for the treatment of infertility. Human assisted reproductive technology (ART) includes artificial insemination (IUI) and in vitro fertilization (IVF) and its derivative technologies. The Reproductive Medicine Center is a workplace for human assisted reproductive technology, including artificial insemination, embryo transfer and its derivative technologies.

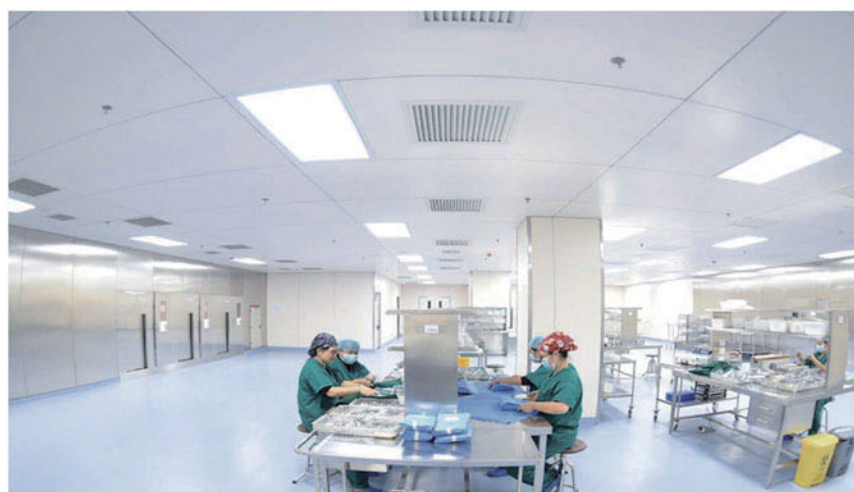
Construction Scale:



1. The construction scale of the assisted reproductive medical center should be determined based on the hospital type, outpatient volume, number of cycles and other factors.
2. The site requirements for the establishment of an assisted reproductive medical center can refer to the "Human Assisted Reproductive Technology Specifications" in the existing document Wei Ke Jiao Fa [2003] No. 176. If new specifications are issued, they should be revised accordingly.
 - a) The total usable area for medical activities of artificial insemination technology in reproductive medicine shall not be less than 100 square meters;
 - b) The total usable area for medical activities of in vitro fertilization-embryo transfer and its derivative technologies in reproductive medicine shall not be less than 260 square meters;

The requirements for the main functional rooms are as follows:

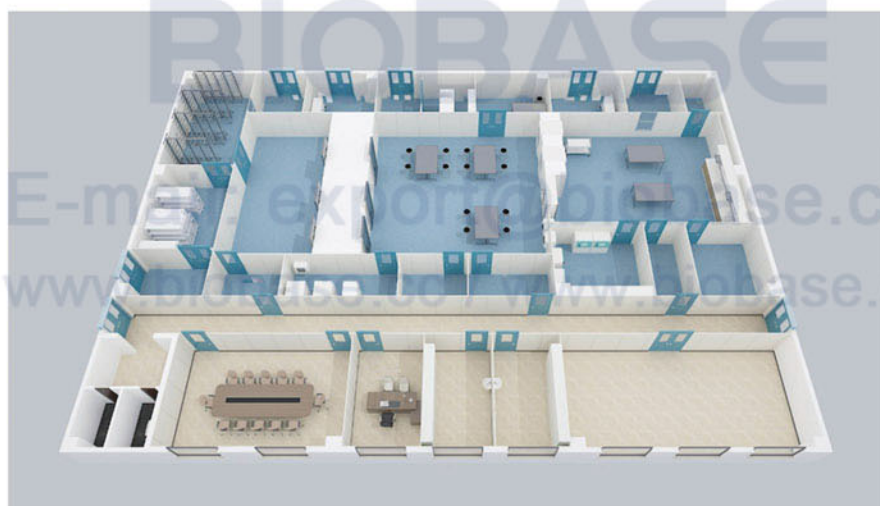
 - 1) Sperm collection room: adjacent to the semen processing room, with a usable area of not less than 5 square meters and hand washing equipment;
 - 2) Semen processing room: with a usable area of not less than 10 square meters;
 - 3) Egg collection room: for transvaginal egg collection under B-ultrasound, with a usable area of not less than 25 square meters, and the environment meets the Class II standard of medical places of the Ministry of Health;
 - 4) Embryo transfer room: with a usable area of not less than 15 square meters, and the environment meets the Class II standard of medical places of the Ministry of Health;
 - 5) Embryo culture room (in vitro fertilization laboratory): with a usable area of not less than 30 square meters and a buffer zone. The environment meets the Class I standard of medical places of the Ministry of Health, and it is recommended to set up an air purification laminar flow room.



Introduction:

The Sterilization Supply Center is the department within the hospital responsible for the cleaning, disinfection, sterilization and supply of sterile items for all reusable diagnostic and treatment instruments, instruments and items in various departments.

Construction Scale:



1. The area of the disinfection supply room is calculated as 0.7-1.0m² per bed; for medical structures with a small total number of beds, the minimum usable area shall not be less than 200-300m².
2. CSSD should be close to the operating room, delivery room and clinical department, or have a dedicated passage for direct delivery of items with the operating room. It should not be built in the basement or semi-basement.
3. The surrounding environment should be clean, free of pollution sources, relatively independent in area, with good internal ventilation and lighting.
4. The building layout should be divided into auxiliary areas and working areas. Auxiliary areas include staff locker rooms, duty rooms, offices, lounges, toilets, etc. The working area includes decontamination area, inspection, packaging and sterilization area (including independent dressing preparation or packaging room) and sterile storage area.
5. The basic principles to be followed in the division of working areas are as follows:
 - a) Items are from dirty to clean, without crossover or backflow.
 - b) The air flow is from clean to dirty, the decontamination area maintains a relative negative pressure, and the inspection, packaging and sterilization area maintains a relative positive pressure.



Introduction:

The infectious disease department is usually an integration of the fever clinic, intestinal clinic, respiratory clinic and infectious disease department. The infectious disease clinic must be separated from other clinics, and the contaminated area, semi-contaminated area and clean area must be strictly distinguished.

Components Scale:



1. To control cross infection, the infectious disease department should maintain a necessary distance from other buildings to ensure ventilation. The recommended distance is 20-25m.
2. The infectious disease department must be isolated from ordinary outpatient (emergency) departments to avoid crossing between fever patients and other patients; it should be well ventilated and clearly marked. There should also be guiding signs in prominent locations of ordinary outpatient (emergency) departments to guide fever patients to the fever (emergency) department for treatment.
3. Mainly includes first-level general hospitals, second-level general hospitals, and third-level general hospitals

Center for Disease Control and Prevention

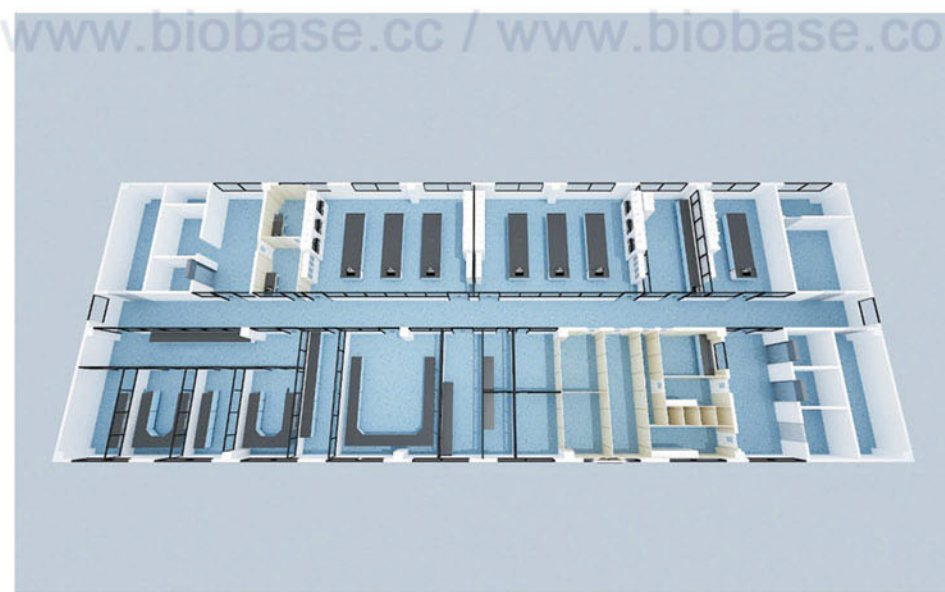
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Introduction:

The term Center for Disease Control comes from the business organization in charge of national disease prevention and control in the United States, which is now renamed the Centers for Disease Control and Prevention (abbreviated as CDC or CDCP). At present, my country has established the "China Center for Disease Control and Prevention (China CDC)" and has established corresponding branches in various provinces, autonomous regions, and municipalities directly under the central government. The China Center for Disease Control and Prevention (hereinafter referred to as China CDC) is a public welfare institution organized by the government to implement national-level disease prevention and control and public health technical management and services.

Construction Scale:



The working rooms of the Center for Disease Control and Prevention include business, laboratory, administrative and support rooms, among which the proportion of laboratory rooms to the total building area is: no less than 41% at the provincial level, no less than 40% at the prefecture level, and no less than 35% at the county level.

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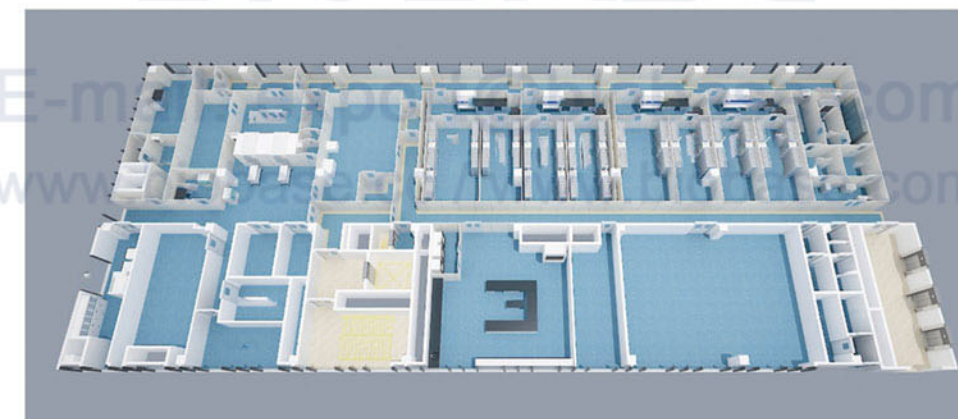
Animal Laboratory



Introduction:

The working rooms of the Center for Disease Control and Prevention include business, laboratory, administrative and support rooms, among which the proportion of laboratory rooms to the total building area is: no less than 41% at the provincial level, no less than 40% at the prefecture level, and no less than 35% at the county level.

Construction Scale:



Level 1: Common Animals (CV)

General animals whose microorganisms are not specially controlled.

Required to exclude pathogens of zoonotic diseases and pathogens of a very small number of highly infectious diseases of experimental animals.

Level 2: Clean Animals (CL)

Required to exclude pathogens of zoonotic diseases and major infectious diseases of animals.

Level 3: Specific Pathogen Free Animals (SPF)

Required to exclude some specified pathogens in addition to Level 2.

The sterilization and disinfection methods can use high efficiency air filter sterilization method ultraviolet sterilization method, etc.

Level 4: Sterile (GF) or Genitourinary Animals (GN)

German animals are required to not carry any microorganisms that can be detected by existing methods.

German animals require one or more known microorganisms to be implanted in the body of the sterile animal.

GMP Workshop

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Introduction:

GMP workshops include pharmaceutical workshops, medical device production workshops, food production workshops, electronic dust-free workshops, cosmetics production workshops, biological product production workshops and other production workshops that meet the requirements of relevant production quality management standards.

Construction Scale:



1. The overall layout of the factory area should comply with the national requirements for the overall layout design of industrial enterprises and meet the requirements of environmental protection, and cross contamination should be avoided.
2. The factory area should be reasonably divided and laid out according to different functions such as production, administration, living, and auxiliary.
3. The clean workshop of the pharmaceutical industry should be arranged in a clean environment within the factory area, where people and logistics do not pass through or rarely pass through, and should be laid out according to the characteristics of pharmaceutical production.

Air Cleanliness Level(ISO)	Airflow pattern	Average wind speed (m/s)	Ventilation rate (/h)
1~3	Unidirectional flow	0.3~0.5	-
4、5	Unidirectional flow	0.2~0.4	-
6	Non-unidirectional flow	-	50~60
7	Non-unidirectional flow	-	15~25
8、9	Non-unidirectional flow	-	10~15

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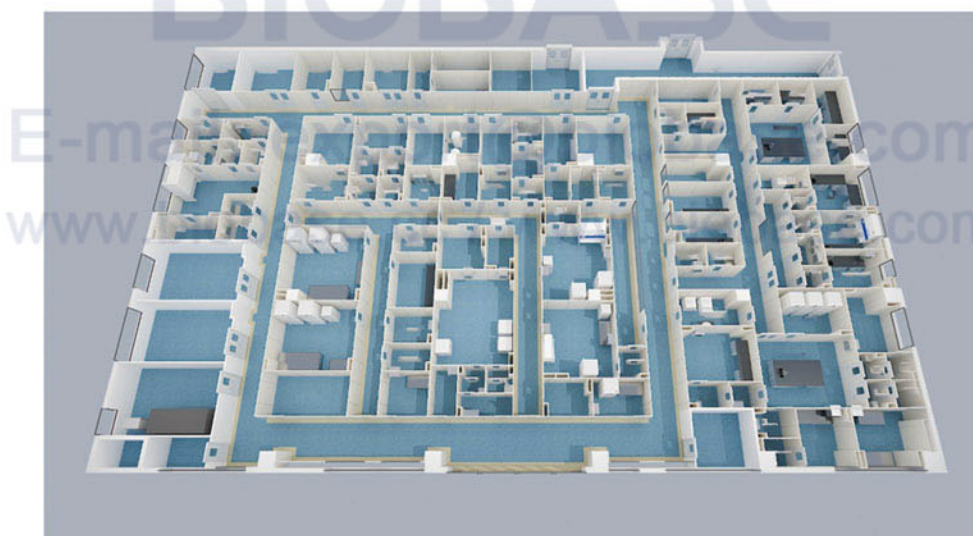
Stem Cell Workshop



Introduction:

The stem cell laboratory is mainly engaged in basic research on stem cells, clinical application research and stem cell technology services, including experimental research on in vitro identification, separation, purification, expansion and culture of stem cells from various tissue cells.

Construction Scale:



1. The stem cell preparation workshop needs to be constructed and operated in strict accordance with the requirements of GMP (Good Manufacturing Practice for Pharmaceuticals).
2. GMP is an internationally recognized good manufacturing practice for pharmaceuticals, and its purpose is to ensure the quality of drugs.
3. The stem cell preparation workshop is constructed and operated in accordance with GMP requirements to ensure the quality and safety of stem cell preparation.
4. Functional Areas
 - Sample collection area: used to collect stem cell samples, such as autologous stem cells, allogeneic stem cells, etc.
 - Cell separation area: used to separate stem cells from samples.
 - Cell culture area: used to culture stem cells and make them proliferate.
 - Cell storage area: used to store stem cells.

Flat Pack Container

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Applications:

The advantage of the flat pack container is the special design, which can meet the rapid environmental protection requirements of people's lives, such as the thermal insulation of the house, and the sound insulation effect is good. Flat pack containers are more standardized, modular and generalized. They can be used in special scenarios, such as isolation points, isolation wards, etc., and have the advantages of quick installation in place, environmental protection, good air tightness, low basic installation requirements, and multiple assembly and transportation during use.

Technical Parameters:

Model	ZPSXF-I
Top Frame	Top side beam 2.0mm thick
	Top beam C100*40mm*1.2mm, 9 PCS
	Ridge square tube 30*30mm*1.0mm
	Top rock wool 80mm thick
	PE protective film
	Top color steel tile 0.35mm thick
	Roof Structural Adhesive
Bottom Frame	Butyl waterproof tape, 2mm thick
	Underframe side beam 2mm thick
	Underframe beam 100*50*1.2mm, 9pcs
Prism	Bottom frame longitudinal reinforcement beam
	210*150*2.0mm column, height 2550mm
	Stud Bolt M10*25
Corner Piece	Column connector
	210*160 corner piece, 8pcs
Color	Top triangle support
Panel	RAL9010
Floor	Double-sided rock wool sandwich panel, 50mm thick
Floor Decoration	Cement fiber board 18mm thick
Door	PVC floor 1.6mm thick
Window	970*1970mm, Common fire lock, white steel window
Others	PVC window
	Floor groove, galvanized iron sheet
	PVC drain pipe, φ50mm
	Ceiling trim
	Column inner corner

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Modular Cold Room



Internal Part



PU Panel

Application:

Cold storage is mainly used for the storage of semi-finished and finished products such as food, dairy products, meat, aquatic products, fruits and vegetables, medicines, chemical raw materials, and electronic instruments.

Features:

- * It is convenient to install and unload, the board wall adopts internal embedded parts to connect with buckle, it is convenient to install and disassemble and carry, and the assembly and start-up time is short.
- * It has good sealing and moisture-proof and air-proof performance.
- * Energy saving and environmental protection, superior heat preservation performance, fast cooling and long heat preservation time.
- * It is widely used to meet different needs and covers a wide temperature range.

Technical Parameters:

PU Panel	
Thickness	75mm, 100mm, 150mm, 200mm
Density	40-50kg/m ³
Thermal Conductivity	≤0.029W/m·k
Compressive Strength	≥20N/cm ²
Tensile Strength	≥24.5N/cm ²
Bending Strength	≥24.5N/cm ²
Water Absorption	≤3g/cm ²

PP Reagent Cabinet / Medicine Cabinet

BIOBASE



BRPC-900P

BRPC-900PI

Introduction:

Size: 900*450*1800mm (can be customized according to customer needs).

The cabinet is made of 8mm thick porcelain white PP board and seamlessly welded by PP welding rods of the same color and material, which greatly strengthens the structural firmness of the cabinet and effectively reduces the deformation of the cabinet due to thermal expansion and contraction.

The PP material has the characteristics of resistance to strong acid, strong alkali and corrosion. It is safe to store some acid-base reagents and medicines.

The shelves is made of 8mm thick high-quality pure PP board and is seamlessly welded by the same color and homogeneous welding rod. There are vertical edges around, and the vertical edges are integrally welded to form. The overall design is movable. It can be taken out and placed in a suitable compartment for free combination. The front and back of the shelves can be placed, and a certain degree of anti-overflow effect can be obtained from the surrounding standing edges.

Features:

- * This structure can classify and store chemicals of different nature and risk levels to reduce the occurrence of disasters.
- * The door is equipped with 5mm thick toughened glass see-through windows.
- * The cabinets are each equipped with a movable shelf, and customers can freely adjust the height of each layer according to their needs.
- * The doors are each equipped with a blue acid and alkali resistant PP double-locking handle, which has good corrosion resistance.
- * The door hinge is made of blue acid and alkali resistant PP material, which has good corrosion resistance.
- * The door panels are equipped with acid and alkali resistant PP pins and bumpers of the same color and quality, which has good corrosion resistance.

Packing Information:

Model	BRPC-900P	BRPC-900PI
Material	8mm thick high-quality pure PP board	
Doors	4	2
Shelves	2 shelves, adjustable	
Internal Size(W*D*H)	884*400*1640mm	
External Size(W*D*H)	900*450*1800mm	
Net Weight	57.4kg	
Package Size(W*D*H)	983*533*1935mm	
Gross Weight	69kg	

BIOBASE

PP Vessel Cabinet



Introduction:

The cabinet is made of 8mm thick porcelain white PP board and seamlessly welded by PP welding rods of the same color and material, which greatly strengthens the structural firmness of the cabinet and effectively reduces the deformation of the cabinet due to thermal expansion and contraction. The PP material has the characteristics of resistance to strong acid, strong alkali and corrosion. It is safe to store some acid-base reagents and medicines. The laminate is made of 8mm thick high-quality pure PP board and is seamlessly welded by the same color and homogeneous welding rod. There are vertical edges around, and the vertical edges are integrally welded to form. The overall design is movable. It can be taken out and placed in a suitable compartment for free combination. The front and back of the laminate can be placed, and a certain degree of anti-overflow effect can be obtained from the surrounding standing edges.

Features:

- * The double doors are equipped with 5mm transparent acrylic glass windows and ventilation holes.
- * Two movable laminates are standard inside, which can be taken out separately for easy cleaning. Customers can freely adjust the height of each floor according to their needs.
- * There're $\phi 50$ round holes on the laminate, which is convenient for holding utensils. (The size of the round hole can be customized according to customer needs)
- * The door is equipped with a blue acid and alkali resistant PP double-locking handle, which has good corrosion resistance.
- * The door hinge is made of blue acid and alkali resistant PP material with good corrosion resistance.
- * The upper and lower door panels are equipped with acid and alkali resistant PP pins and bumpers of the same color and quality, which has good corrosion resistance.
- * The door of the cabinet is marked with a striking "corrosive" warning sign to remind the surrounding people to pay attention to safety.

Packing Information:

Model	BCC-900P
Product Size	900*450*1800mm (can be customized according to customer needs)
Packing Size	983*533*1935mm
Gross Weight	64kg



PP Island Bench

Application:

Generally used in various types of laboratories: pharmaceutical laboratories, food laboratories, semiconductor laboratories, metal laboratories, biological laboratories, electronic laboratories and other chemical laboratories.

Advantages:

1. It has the characteristics of strong acid, strong alkali and corrosion resistance.
2. Reduce environmental pollution and maintain the health of users.
3. The cabinet body adopts integrated molding and seamless welding technology, which greatly strengthens the structure of the cabinet body and effectively reduces the deformation of the cabinet body due to thermal expansion and contraction.

Product Description:

1. Size: Island bench: 3000*1500*800 (L*W*H/mm), wall bench 1500*750*800 (L*W*H/mm), also can be customized according to customer requirements.
2. Material: The cabinet body is all made of 8mm porcelain white high-quality PP board material, the same color and homogeneous welding rod is fused and modified, the surface has no sharp angles, and the whole has the characteristics of strong acid resistance, chemical resistance, impact resistance, and non-corrosion.
3. Countertop: made of 12.7mm thickness of Phenolic Resin, also can choose: epoxy resin board, ceramic board, etc.
4. Handle: made of PP injection molding, anti-corrosion, color: blue, white optional.
5. Socket: Dust-proof, splash-proof safety socket with a closed protective cover, and the socket module is a three-hole multi-function socket.
6. Bump ball: It is made of PP plastic material, which is corrosion-resistant and free of any metal.
7. Hinge: There are two styles of built-in hinges and external hinges, both of which are integrally formed, and the built-in hinges are more beautiful.

Features:

- * Reagent rack: made of anticorrosive PP porcelain white 8mm material, seamlessly welded by the same color electrode.
- * Faucet: Use laboratory-specific faucet, copper, the surface layer is treated with acid-resistant paint to prevent acid and alkali and rust, the valve is precision ceramic casting, and the outlet is made of PVC material.
- * Sink: It is made of high-density black pure PP material in one piece, with a thickness of 5mm or more.
It is flexible, resistant to acid, alkali, heat and organic solvents.
- * Eyewash: The use of high-brightness epoxy resin coating, corrosion resistance, heat resistance, UV radiation protection, the sprinkler head is gently bubbly water column to prevent damage to the eyes, the metal ring buckle locks the water flow function, easy to use.
- * PP drip rack: the frame and drip stick are made of PP, and there is a drainage hole in the middle of the chassis tray.



PP Wall Bench

Steel Laboratory Bench

The Laboratory Table is used by hospitals, schools, chemical plants, scientific research institutes and other enterprises and institutions for experimental testing and storage of instruments. According to the location, it can be divided into island bench, wall bench, corner bench and hanging cabinet.



Product category



Wall Bench



Island Bench



Sink Bench



Corner Bench



Hanging Cabinet

Steel Laboratory Bench

■ Technical Parameters

- 1. Countertops:** solid physical and chemical boards, epoxy resin boards, granite, ceramic boards, trespa, stainless steel table tops, etc..
- 2. Cabinet body:** The cabinet body and frame are made of 1.0-1.2mm thick high-quality 304 stainless steel plate. The bottom plate of the experimental cabinet is designed as a whole piece, and the back panel of the cabinet body is detachable (the cabinet body is divided into mobile type, hanging type, and floor type).
- 3. Door panel and drawer surface:** 1.0-1.2mm thick first-grade 304 stainless steel plate, and the structure is a double-layer hollow reinforced type.

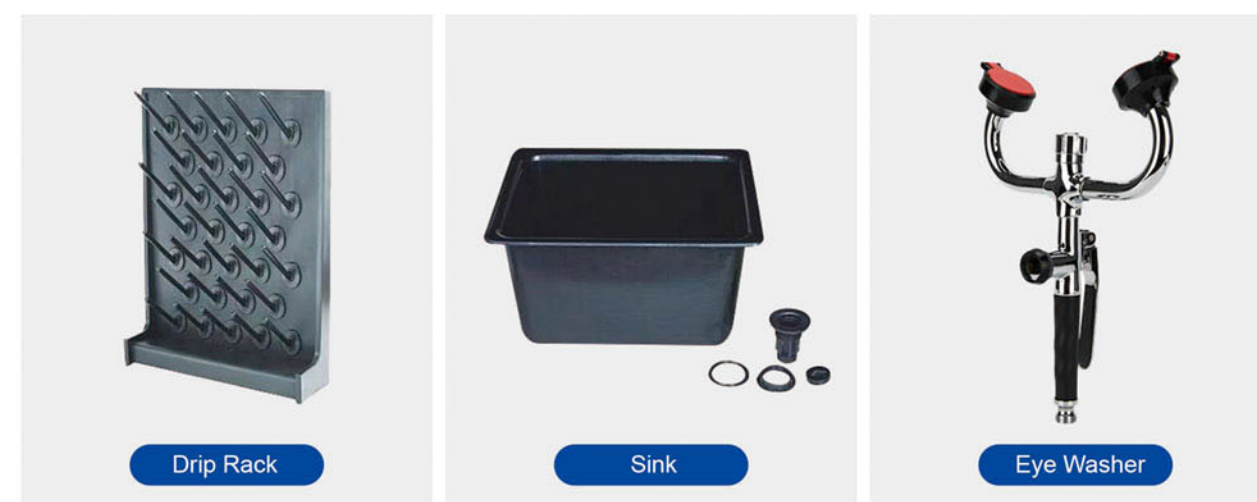
■ Accessories

Accessories	
Cabinet hinge	Adopt DTC brand hinge (110°/175°), can choose 304# stainless steel hinge, thickness 2.0mm, can open the Angle of 255°.
Cabinet slide rail /three rails	Hidden steel column slide rail hidden/bottom support, DTC three 16 inch silent slide device, made of first class steel plate, after steel paint treatment, can carry 35KG, double piece combination sandwich design, to prevent the left and right shaking, and has the end of sliding self-closing structure.
Handle	Adopt integrated groove handle or stainless steel handle, the overall appearance.
Reagent Shelf	Steel glass and aluminum glass structure, can be customized according to the actual needs.
Faucet	One, two or three mouth faucets; Surface epoxy resin spraying, ceramic spool; Detachable cleaning block. It has a slow pressure effect.
Sink	Imported high density PP material, mold molding, specifications from small to large, can be selected according to actual needs.
Drip Rack	PP integrated molding material, chemical corrosion resistance, antibacterial, easy to clean, wet resistance, and set up clean water automatic reflux device, with diversion hole, connected to the sink, easy to drain residual water, conducive to the natural drying of utensils, the overall appearance and practical.
Wastewater system	Imported high-density PP material sinking water bend, corrosion resistance, acid and alkali resistance and organic matter, has the function of filtering and blocking odor.

■ Product Size

Product Size	
Wall Bench Size	Length*Width*Height: L*750*800mm (can be customized)
Island Bench Size	Length*Width*Height: L*1500*800mm (can be customized)

■ Optional Accessories



Stainless Steel Laboratory Bench

The stainless steel laboratory bench is made of high quality 304 stainless steel plate, which is formed by CNC laser cutting, CNC folding molding and gas protection welding.



Product category



Stainless Steel Wall Bench



Stainless Steel Island Bench

Stainless Steel Laboratory Bench

■ Technical Parameters

- 1. Countertops:** solid physical and chemical boards, epoxy resin boards, granite, ceramic boards, trespa, stainless steel table tops, etc..
- 2. Cabinet body:** The cabinet body and frame are made of 1.0-1.2mm thick high-quality 304 stainless steel plate. The bottom plate of the experimental cabinet is designed as a whole piece, and the back panel of the cabinet body is detachable (the cabinet body is divided into mobile type, hanging type, and floor type).
- 3. Door panel and drawer surface:** 1.0-1.2mm thick first-grade 304 stainless steel plate, and the structure is a double-layer hollow reinforced type.

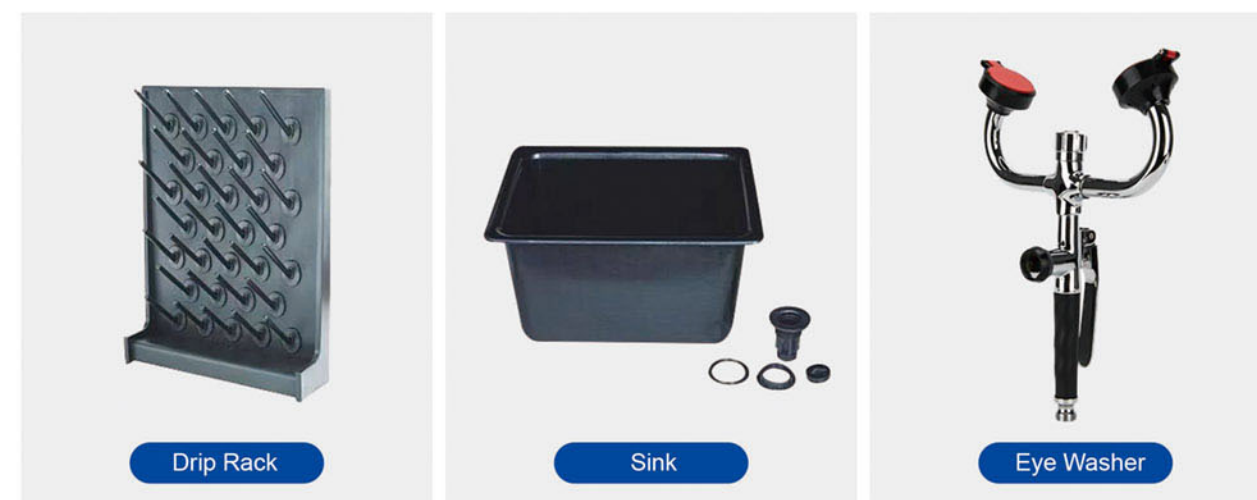
■ Accessories

Accessories	
Cabinet hinge	Adopt DTC brand hinge (110°/175°), can choose 304# stainless steel hinge, thickness 2.0mm, can open the Angle of 255°.
Cabinet slide rail /three rails	Hidden steel column slide rail hidden/bottom support, DTC three 16 inch silent slide device, made of first class steel plate, after steel paint treatment, can carry 35KG, double piece combination sandwich design, to prevent the left and right shaking, and has the end of sliding self-closing structure.
Handle	Adopt integrated groove handle or stainless steel handle, the overall appearance.
Reagent Shelf	Steel glass and aluminum glass structure, can be customized according to the actual needs.
Faucet	One, two or three mouth faucets; Surface epoxy resin spraying, ceramic spool; Detachable cleaning block. It has a slow pressure effect.
Sink	Imported high density PP material, mold molding, specifications from small to large, can be selected according to actual needs.
Drip Rack	PP integrated molding material, chemical corrosion resistance, antibacterial, easy to clean, wet resistance, and set up clean water automatic reflux device, with diversion hole, connected to the sink, easy to drain residual water, conducive to the natural drying of utensils, the overall appearance and practical.
Wastewater system	Imported high-density PP material sinking water bend, corrosion resistance, acid and alkali resistance and organic matter, has the function of filtering and blocking odor.

■ Product Size

Product Size	
Wall Bench Size	Length*Width*Height: L*750*800mm (can be customized)
Island Bench Size	Length*Width*Height: L*1500*800mm (can be customized)

■ Optional Accessories



Steel Balance Bench

The balance table is a basic experimental equipment with strong damping effect specially designed for high-precision and anti-interference experiments. It can control the interference of various equipment when it is vibrating, resist the interference of friction and vibration between highway vehicles and the ground, resist the interference of natural movement of the earth, resist the interference of natural changes in the weather. Ensure accuracy during the experiment.



■ Technical Parameters

1. The steel plate of the cabinet is made of 1.0mm cold-rolled steel plate. The surface is sprayed by epoxy resin electrostatic powder, which is durable and strong bearing capacity.
2. Configuration of shockproof rubber pad, shockproof adjustment pad, steel pipe and 40mm thick granite triple shockproof measures, to achieve one hundred thousand level shock absorption.
3. The table uses 12.7mm solid core physical and chemical plate embedded granite, the overall table has the characteristics of impact resistance, easy cleaning and so on.
4. Equipped with a special socket for 10A balance table to meet the experimental requirements.

■ Specifications

Specifications			
Wall Bench Size	Table Materials(Customized)		Accessories
Length*Width*Height: 900*600*800mm (Customized)	18mm thick marble	The 12.7mm solid core physical and chemical plate is embedded with 40mm thick granite	10A special socket /adjustable combined feet

Steel Balance Bench



Laboratory high temperature bench is a high temperature resistant instrument platform specially designed for laboratory heating equipment (electric furnace, oven, drying oven, etc.). It adopts steel frame structure, high temperature table can choose marble, ceramic and other high temperature and high pressure resistant materials, fire resistance and no deformation.

■ Technical Parameters

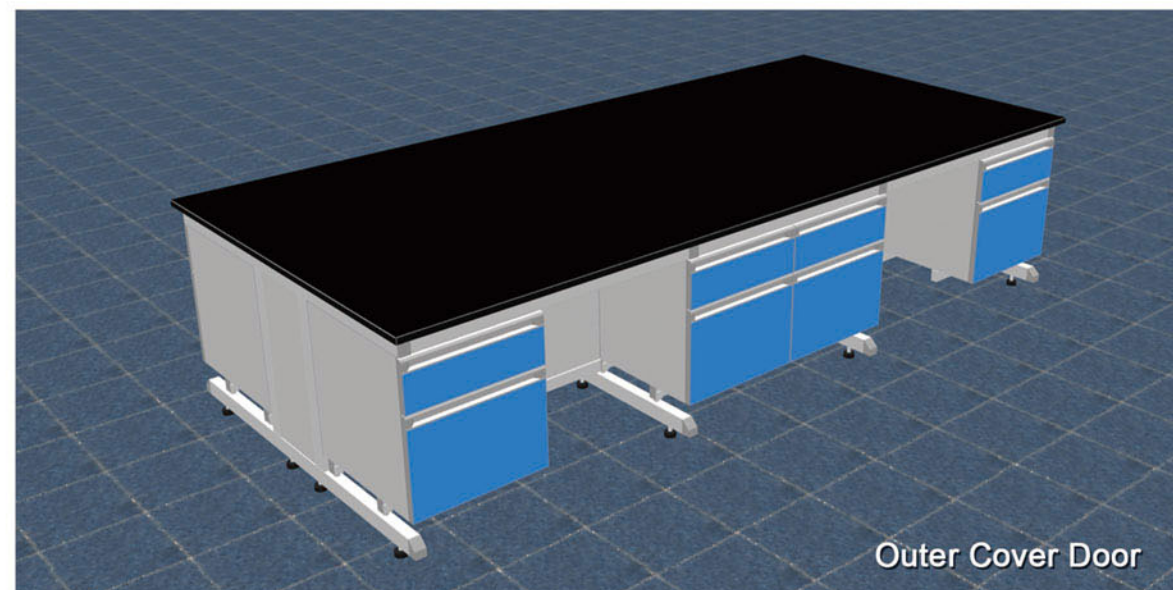
1. The steel plate of the cabinet body is made of 1.0mm cold-rolled steel plate, which is processed by CNC machine tool with fine technology.
2. The surface of the steel plate of the experimental bench cabinet is sprayed by epoxy resin electrostatic powder.
3. The table is made of 18mm thick black marble, and the whole table is anti-corrosion and anti-high temperature.
4. Equipped with adjustable combination foundation, the base is covered with anti-slip high-strength plastic pad, waterproof, anti-rust, anti-slip and shock-absorbing.

■ Specifications

Specifications		
Wall Bench Size	Table Materials(Customized)	Accessories
Length*Width*Height: L*750*800mm (Customized)	1.0mm high quality cold rolled steel sheet	Adjustable combined feet

Steel-wood Island Bench

BIOBASE



Technical Parameters:

Type	Outer Cover Door	Built-in Door
Size	Length*1500*800mm, other sizes are optional	
Structure Frame	1.2mm thick steel pipe, surface epoxy resin powder electrostatic spraying	
Cabinet Material	18mm thick melamine decorative panel, PVC edge strip waterproof sealing treatment	
Countertop	12.7mm thick solid core physicochemical board	
Slide Rail	Three silent slide rails	
Hinge	Normal 110-degree	
Handle	Aluminum alloy handle	
Feet	8mm large nylon adjustable feet	
Other Features	Corrosion resistance, acid and alkali resistance	

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Steel-wood Wall Bench



Technical Parameters:

Type	Outer cover door, U-shaped handle	Built-in door, U-shaped handle	Outer cover door, inline handle	Built-in door, inline handle	Retractable type, outer cover door, inline handle	Retractable type, outer cover door, U-shaped handle
Size	Length*750*800mm, other sizes are optional					
Structure Frame	1.2mm thick steel pipe, surface epoxy resin powder electrostatic spraying					
Cabinet Material	18mm thick melamine decorative panel, PVC edge strip waterproof sealing treatment					
Countertop	12.7mm thick solid core physicochemical board					
Slide Rail	Three silent slide rails					
Hinge	Normal 110-degree, 175-degree or damping hinge					
Handle	Aluminum alloy handle					
Feet	12mm large nylon adjustable feet					
Other features	Corrosion resistance, acid and alkali resistance					

Steel Medicine Cabinet /Vessel Cabinet

Both medicine cabinets and vessel cabinets are medical functional cabinets, and medicine cabinets are storage cabinets used to store reagents and medicines. The vessel cabinet is similar to the medicine cabinet, the difference is that the partition of the vessel cabinet needs to be perforated for placing medical utensils such as glass. The steel medicine/vessel cabinet is made of high-quality cold-rolled steel plate as a whole, and the surface is by epoxy resin electrostatic powder spraying process.



■ Technical Parameters

1. The steel plate of the cabinet is made of 1.0mm cold-rolled steel plate, which is processed by CNC machine tools with fine craftsmanship.
2. Reasonable classification of storage space, layered storage. The shelves are adjustable.
3. Thickened partition, strong and durable, not easy to deform. A single layer can bear 50kg.
4. The cabinet door is equipped with toughened glass, which is safe and explosion-proof, shock-proof and not fragile.

■ Specifications

Specifications		
External Size	Hinge	Slide rail
Length*Width*Height: 900*450*1800mm (Customized)	High-quality high-strength damping hinge	Three silent slide rails

Stainless Steel Medicine Cabinet/Vessel Cabinet

Both medicine cabinets and vessel cabinets are medical functional cabinets, and medicine cabinets are storage cabinets used to store reagents and medicines. The vessel cabinet is similar to the medicine cabinet, the difference is that the partition of the vessel cabinet needs to be perforated for placing medical utensils such as glass. The stainless steel medicine/vessel cabinet is made of high-quality stainless steel plate as a whole, which is cut, bent and welded by CNC laser.



■ Technical Parameters

1. The steel plate of the cabinet is made of 1.0mm 304 stainless steel plate, which is processed by CNC machine tools with fine craftsmanship.
2. Reasonable classification of storage space, layered storage. The shelves are adjustable.
3. Thickened partition, strong and durable, not easy to deform. A single layer can bear 50kg.
4. The cabinet door is equipped with toughened glass, which is safe and explosion-proof, shock-proof and not fragile.

■ Specifications

Specifications		
External Size	Hinge	Slide rail
Length*Width*Height: 900*450*1800mm (Customized)	High-quality high-strength damping hinge	Three silent slide rails

Steel Locker

The medical locker is a kind of medical functional cabinet, and its main function is a cabinet for medical staff to store items and change clothes. The steel locker is made of high-quality cold-rolled steel plate, and the surface is made of epoxy resin electrostatic powder spraying process.



■ Technical Parameters

1. The steel plate of the cabinet is made of 1.0mm cold-rolled steel plate, which is processed by CNC machine tools with fine craftsmanship.
2. Humanized design, reasonable structure, precise positioning, excellent production and ergonomics.
3. A variety of styles to choose from, up and down, left and right, can be extended indefinitely.
4. It adopts special safety locks for filing cabinets, which has high safety.

■ Specifications

Specifications			
External Size	Handle	Hinge	Layer
Length*Width*Height: 900*450*800mm (Customized)	Aluminum alloy handle	High-quality high-strength damping hinge	Adjustable layer

Stainless Steel Locker

The medical locker is a kind of medical functional cabinet, and its main function is a cabinet for medical staff to store items and change clothes. The stainless steel locker is made of high-quality stainless steel plate, which is cut, bent and welded by CNC laser.



■ Technical Parameters

1. The cabinet steel plate is made of 1.0mm high quality 304 stainless steel plate, which is processed by CNC machine tool with fine technology.
2. Humanized design, reasonable structure, precise positioning, excellent production and ergonomics.
3. A variety of styles to choose from, up and down, left and right, can be extended indefinitely.
4. It adopts special safety locks for filing cabinets, which has high safety.

■ Specifications

Specifications			
External Size	Handle	Hinge	Layer
Length*Width*Height: 900*450*800mm (Customized)	Aluminum alloy handle	High-quality high-strength damping hinge	Adjustable layer

Stainless Steel Washbasin

This product is suitable for various cleaning places such as operating rooms, supply rooms and endoscopy rooms in the medical industry.

■ Features

1. Pedal or induction water discharge to avoid secondary pollution.
2. High-quality stainless steel material, durable and easy to clean.
3. Ergonomic design, comfortable to use.
4. Leakage protection design to protect personnel safety.

■ Technical Parameters

1. Adopt high-quality thickened 304 stainless steel plate, seamless design, durable, anti-rust and anti-corrosion.
2. Support infrared sensor, pedal mode and other water control modes, convenient and sensitive.
3. It can be equipped with an automatic soap dispenser to provide multiple hygiene protections.
4. Equipped with a brushing device, it is convenient for surgical operators to use.

■ Specifications

Specifications				
Model	External Size	Cabinet Material	Outlet Water Way	Accessories
Single-person position	900*600*(1100/1800)mm	High quality 304 stainless steel plate	Inductive	Faucet, sensor soap
Double-person position	1200*600*(1100/1800)mm		Pedal	dispenser, high-definition
Three-person position	1800*600*(1100/1800)mm		Single control or	hanging mirror, a full set of
Customized	Customized		dual control mode	water pipes



Single-position Washbasin



Single-position Washbasin



Double-position Washbasin



Double-position High Back Mirror Washbasin



Three-position Washbasin



Three-position High Back Mirror Washbasin

Stainless Steel Changing Shoe Cabinet

The stainless steel shoe changing cabinet is a kind of functional cabinet. Its main function is to store and change shoes for staff in hospitals, laboratories and clean and dust-free workshops. The stainless steel shoe cabinet is made of high-quality stainless steel plate, which is cut, bent and welded by CNC laser.



■ Technical Parameters

1. The steel plate of the cabinet is made of high-quality 304 stainless steel plate, which is processed by CNC machine tools with fine craftsmanship.
2. Large-capacity double-sided design, reasonable structure, multiple specifications are optional, and support customization.
3. It is preferred that the plate has strong load-bearing capacity, stable and safe structure.
4. The product is beautiful, wear-resistant, anti-rust and anti-corrosion, easy to clean.

■ Model & Specifications

Specifications	
Model	Specifications(Height*Width*Depth)
Single side 9 grid shoe cabinet	1000*300*600
Single side 12 grid shoe cabinet	1200*300*600
Single side 15 grid shoe cabinet	1500*300*600
Single side 18 grid shoe cabinet	1800*300*600
Single side 8 grid shoe cabinet	1200*300*600
Single side 10 grid shoe cabinet	1500*300*600
Double-sided 18 grid shoe cabinet	1800*300*600
Double-sided 24 grid shoe cabinet	1200*600*600
Double-sided 30 grid shoe cabinet	1500*600*600
Double-sided 36 grid shoe cabinet	1800*600*600
Double-sided 16 grid shoe cabinet	1200*600*400
Double-sided 20 grid shoe cabinet	1500*600*400
Double-sided 24 grid shoe cabinet	1800*600*400