

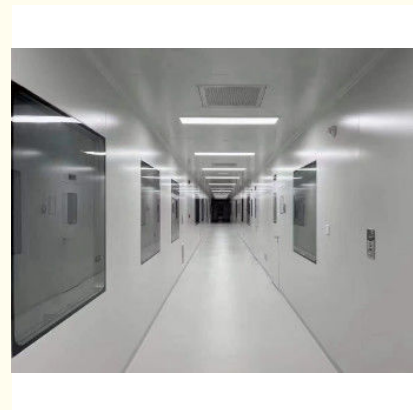


Laboratory Modular Hard Wall ISO 7 Cleanroom Assembly Portable Clean Room

Our Product Introduction

Basic Information

- Place of Origin: HEBEI, CHINA
- Brand Name: BAODU
- Certification: CE
- Model Number: Laboratory Modular Hard Wall ISO 7 Cleanroom Assembly Portable Clean Room Booth
- Minimum Order Quantity: 500square meters
- Price: \$7-10square meter
- Packaging Details: For sandwich panel and color steel sheet, we use the plastic packing . If the clients need special packing will according to their requirements.
- Delivery Time: 15days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 Square Meter/Square Meters per Day



Product Specification

- Product Name: Laboratory Modular Hard Wall ISO 7 Cleanroom Assembly Portable Clean Room
- Keyword: Clean Room
- Surface Material: Galvanized Sheet / SUS304
- Core Materials: Mgo/rock Wool/PU/silica Rock
- Applications : 100 Lab / Laboratory Clean Room
- Floor: Epoxy / PVC Etc
- HVAC System: Heat Recovery Air Handling Unit
- Certification: CE ISO GMP
- Material: Hardwall And Softwall
- After Warranty Service: Online Support
- Highlight: **Portable Clean Room, ISO 7 Cleanroom Assembly, Modular Hard Wall Cleanroom Assembly**

for more products please visit us on baodupanel.com

Product Description

Laboratory Modular Hard Wall ISO 7 Cleanroom Assembly Portable Clean Room

Product Overview-----

Clean Room Design

Baodu are experts in cleanroom design and have extensive experience designing, manufacturing, and installing modular cleanrooms for leading pharmaceutical, medical device and industrial companies.

Clean Room Manufacturing

Baodu offers design build modular cleanrooms for economical, fast, state of the art cleanroom solutions.

Clean Room Construction

Baodu are designed and detailed for ease of clean room installation and functionality, while maintaining modular flexibility. Whether you are adding-on, modifying an existing facility, or constructing a new facility, the proper wall system and materials are available to suit your specific application.

Modular Hard Wall Clean Room

The clean room is a specially designed local purification environment used to control pollutants such as particles, microorganisms, and chemical vapors in the air, providing a controlled clean space. Clean booths are widely used in various industries that require high environmental cleanliness, such as pharmaceuticals, electronics, biotechnology, semiconductors, laboratories, etc. Our hard wall steel panel clean room combines advanced technology and innovative design to meet the strict requirements of various industries for clean spaces.

-Modular Design;

Our clean room adopts modular design, which can be combined freely according to your needs, installed quickly and expanded flexibly.

-High efficiency filtration system;

Equipped with HEPA or ULPA Fan filters Unit to ensure cleanliness of ISO 5 to ISO 8.

-Durable materials;

Use high-quality steel handmade panels or HPL panels to ensure long life and easy cleaning

-High energy efficiency;

Optimized air flow design and high-efficiency fan filtration unit (FFU) reduce energy consumption

-User friendly;

simple and intuitive control system, convenient for user operation and maintenance.

-Customized as clients require;

-Adaptability and Quick Installation .

Model	SCR-2500	SCR-3000	SCR-4000
Dimension(W*D*H)mm	2500*2500*3000mm	3000*3000*3000	4000*3000*3000
Cleanliness	ISO5/6/7/8(optional)		
Air Velocity(m/s)	0.45±20%		
Lighting	1 Light	1-2 Lights	2 Lights
Structure Materials	Steel handmade Sandwich panel/Big Glass Panel/HPL Panel(optional)		
Power Supply	AC 110V/220V 1 Phase		

Related Purification Equipment-----



Pass Box



Laminar Clean Bench



Air Shower



Fan Filter Unit(FFU)



Air Handling Unit(AHU)

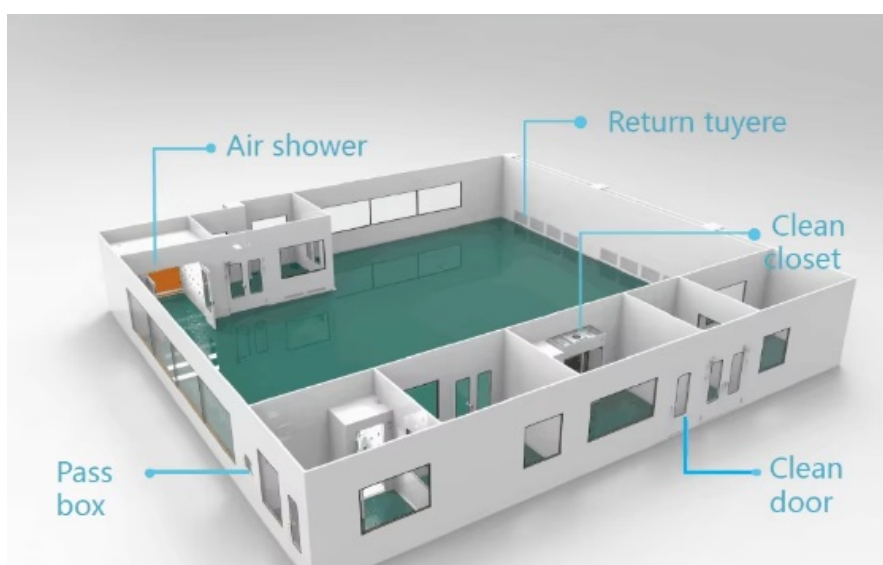


PVC Rolling Door

Clean room Characteristics-----

Class	Maximum Particles/m ³						
Class	≥0.1um	≥0.2um	≥0.3um	≥0.5um	≥1um	≥5um	FED STD 209E equivalent
ISO 1	10	2					
ISO 2	100	24	10	4			
ISO 3	1000	237	102	35	8		Class1
ISO 4	10000	2370	1020	352	83		Class10
ISO 5	100000	23700	10200	3520	832	29	Class100
ISO 6	1000000	237000	102000	35200	8320	293	Class1000
ISO 7				352000	83200	2930	Class10000
ISO 8				3520000	832000	29300	Class100000
ISO 9				35200000	8320000	293000	Room Air

Recommend for rank of clean workshop of related industry							
Rank	1	10	100	1000	10000	100000	300000
Semiconductor Chip Manufacturing	√	√	√				
Semiconductor Chip Package		√	√				
Electronic Components Production			√	√			
Precision Products				√	√		
Medical Injections			√	√			
Medical Oral Agent					√	√	
Aseptic Ward		√					
Operation Room		√	√	√			
Aseptic Rearing Animals		√	√	√	√	√	
Precision Printing							
Food Packaging							



Successful Project-----



Hospital



Manufacturing



Semiconductor



Food
Manufacturing



Life Sciences



Agriculture



Microbiology



Automotive

Semiconductor Wafer Fabs (Class 10 Cleanrooms)

* Solution:

* Wall-ceiling system integrated with HEPA filters

* Grounding resistance $< 1 \times 10^6 \Omega$, compliant with SEMI F47 voltage sag standards

* Case Study: 32,000m² deployed in a Taiwan 12-inch wafer fab project

Facilities

* Key Technologies:

* Radius corners ($R \geq 50\text{mm}$) to eliminate cleaning dead zones

* Pre-installed ports for real-time particle monitoring

Data Center Retrofits

* Energy Efficiency Data:

* U-value $0.28 \text{ W/m}^2\cdot\text{K} \rightarrow 18\%$ annual cooling energy savings

Our company-----



Digital Bending Machine



Filter Media
Pleating Machine



Filter Media
Pleating Machine



Automatic PAO Testing Platform



CNC-router

Baodu International Advanced Construction Material Co.,Ltd was established in January 2010 with the office in Beijing and factory in Hebei, China.

Baodu is a designer, manufacturer, supplier and exporter of acoustic sandwich panel, insulated metal panel, profiled steel sheet, perforated metal sheet, steel structure and warehouse.

Baodu has the patented and customized double connection sandwich panel production line and imported steel plate bending machines from Swiss land and Germany.

Baodu has an annual output of 6 million square meters of acoustic sandwich panels,100000 tons of steel structures and 1 million square meters of profiled steel sheet.

Baodu has a professional design team with more than 10 years' experience, including 5 senior engineers,20 engineers, and 35

technicians. Baodu has over 70 intellectual property rights, More than 30 registered trademarks, CE certification and Russian GOST certification etc.

Baodu have successively served key projects in in Dubai, Mongolia, Philippine, Mexico, US , Australia,Iraq, etc. the key projects is as below : Mongolia MCS Group Gold Mine Project; Philippines Malivans 2x330MW Coal-fired Power Plant Project; China Eastern Airlines Maintenance Warehouse Project of Beijing Daxing Airport

; Iraq Basra Gas Turbine Combined Cycle Power Plant Expansion Project; Dubai Hasyan 4*600MW clean coal-fired power plant project.Welcome your coming to Baodu for a visit and cooperation!



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