

JINYI PURIFICATION TECHNOLOGY LTD

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CERTIFICATE

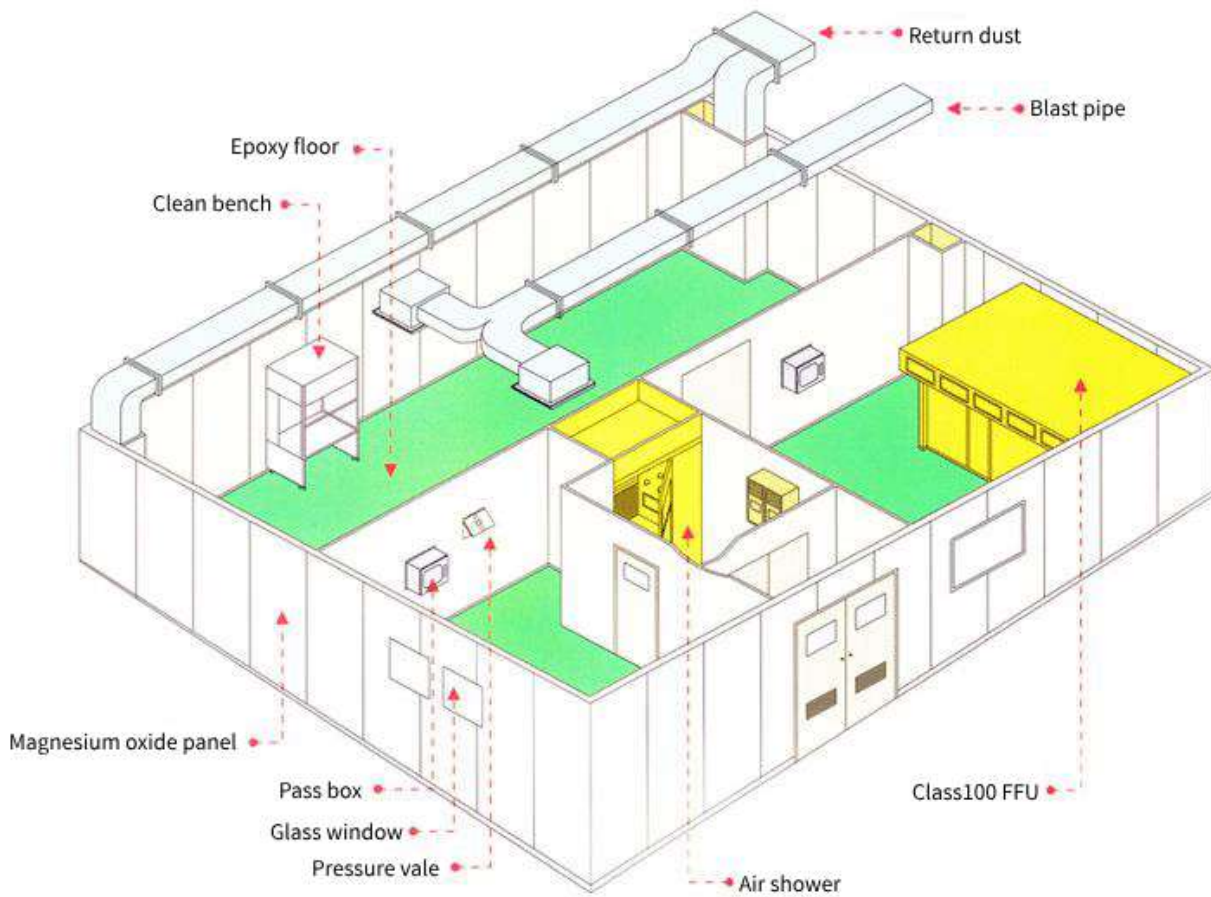


PRODUCTS CATALOG

Clean room design, manufacturing, construction

Jinyi Purification Technology Ltd provides one-stop service in clean room such as hospital operating room, industrial workshop and so on. We can provide clean room wall panel, ceiling panel, air circulation system, air shower, pass box, Hepa filter, FFU, HEPA BOX, air diffuser, LED light etc for equipment.





Wall/ceiling panel	Machine-made or Hand-made sandwich board
Clean room equipment	Air shower, FFU, Pass box, Laminar flow cabinet, HEPA box
Cleanliness	Class100-100000
Purification system	HVAC, or AC conditioner + FFU
Floor	PVC anti-static floor or epoxy-based coating
Other accessories	Stalinite window, LED panel light, Door, Hand wash sink, storage/shoe cabinet ETC
Service	Design, manufacturing, construction

Clean room wall and ceiling board type

Sandwich panel	Double steel +Sulfur oxygen magnesium filler	Double steel+ rock wool filler	Double steel+ PU filler	Double steel + MGO filler	Double steel + EPS filler
Fire proofing	A	A	A	A	B
Weight Capacity	180kg/m2	80kg/m2	100kg/m2	100-150kg/m2	80kg/m2
Size	1150/1180mm width, height customized	1150/1180mm width, height customized	1150mm, height customized	1150/1180mm width, height customized	1150mm, height customized
Steel thickness	0.376mm, 0.426mm, 0.476mm, 0.526mm, 0.576mm				
Thickness	50mm, 75mm, 100mm				
Installation	<ol style="list-style-type: none"> 1. we send engineer to customer side 2. construct out to construction team 3. customer send technician to our company for free studying 				



Clean room accessories we can supply

CLEAN ROOM DOOR

Form a complete set for all levels of clean room, purification room, dust-free room, trailer and other places using color plate partition. Around double sealing, thermal insulation, heat insulation, sound insulation. Color plate or stainless steel plate can be used to customize different size of clean door, locks, color of color steel, door strip, ETC ,can be configured in accordance with the requirements.



Product Name	Clean Room Door	
Material	Stainless Steel 304/316(L) or polyurethane sandwich panel	
Size	Single Door	Double Door
	W:700mm*H:2100*T:50 mm	W:1200mm*H:2100*T:50 mm
	W:800mm*H:2100*T:50 mm	W:1500mm*H:2100*T:50 mm
	W:900mm*H:2100*T:50 mm	W:1800mm*H:2100*T:50 mm
Observation Window	Available	
Window size	5mm thickness tempered glass 400mm*600mm/400mm*400mm,right or round corner	
Window Frames	Aluminum Profile	
Surface	Electrostatic Powder Coating Processing	
Color	Blue or customized	
Core	Paper honeycomb/Rock Wool/PU	
Open Method	Swing or automatic(optional)	
Seal	3m industrial tape seal, neutral silica gel	
Dry	Inner adding molecular sieve desiccant	



Automatic Rolling shutter door	
Using location	Internal & External door
Door curtain material	Unique and professional 0.8-1.2mm fabric
Door frame	Standard steel door frame
Controlling system	PLC
Door Designing	Unique for the larger size
Moto location	Both side are ok
Safety equipment	Standard light
Wind load max	28m/s
Opening speed	0.6-1.2m/s
Closing speed	0.6m/s
Closing opening speed	350-650mm/sec
Door operation	High frequency motor

AIR SHOWER

Air Shower is used to blow away dust on clothing, equipment, materials and tools before workers or objects enter the Clean Room; meanwhile, its Air Lock function may effectively control personnel passing in and out, as well as act as various levels of buffer room for clean room to prevent cross pollution.



Model	JY-AR-1160	JY-AR-1500	JY-AR--2000	JY-AR-2500
External size	1160*1000*2050	1290*1500*2050	1390*2000*2050	1390*2500*2050
Internal size	790*1000*1950	790*1500*1950	790*2000*1950	800*2500*1950
Power supply	AC 1PH 220V 50/60Hz or AC 3PH 380V 50/60Hz			
Consumed power	1100W	1500W	2200W	2500W
No of nozzles	12pcs	18pcs	48pcs	48pcs
Air speed	20-25m/s			
Air shower time	0-99s adjustable, standard is 10s			
HEPA filter	H13 or H14, 99.99%@0.3um or 99.995%@0.3um			
Material	SUS201,SUS304,Baking finished optional			
NO.of person capacity	1-2	2-3	3-4	4-6
Remark	Specification can be customized according to customer 's requirement			

HEPA FAN FILTER UNIT(FFU)

FFU fan filter unit is type of unit used for filtering laminar air and supplying clean air. FFU can be used stand alone or installed modularly. FFU is the core when making clean room equipment for a given space including clean booth, clean bench and clean room assembly



1175*575*260MM

Power consumption: 1100W

Cleanliness of location air : Class100, Class1000,Etc

Efficiency: 99.99%/99.995% H13 or H14

**Material: Baking finished, SUS201, SUS304,
Galvanized zinc coated steel**

Power supply: AC 220/50-60Hz

575*575*260MM

Power consumption: 80W

Cleanliness of location air : Class100, Class1000,Etc

Efficiency: 99.99%/99.995% H13 or H14

**Material: Baking finished, SUS201, SUS304,
Galvanized zinc coated steel**

Power supply: AC 220/50-60Hz



Stainless steel FFU

Name: FAN FILTER UNIT

Brand: JINYI

Original: GUANGDONG, CHINA

**SUS304, SUS201 optional, H13 or H14 HEPA filter
optional, aluminum fan, AC 220V*50-60HZ**

PASS BOX

The Pass through box is a clean room auxiliary equipment, its function is to purify the goods pass the buffer between indoor and outdoor clean area to prevent items due to the pass to open the door and destroyed the clean room air and chamber pressure, more can reduce the operating personnel move to prevent the entry of the dust of the outer region, the stability of the clean room.



Type	Static pass box	Air shower pass box
External dimension(mm)	800*690*690(W*H*D)	800*1200*690(W*H*D)
Internal dimension(mm)	600*600*600(W*H*D)	600*600*600 (W*H*D)
External material	SUS304, SUS201, baking finished	
Internal material	SUS304 stainless steel	
Door Lock	Mechanically or electronically interlocked	
Noise	~	<65dBA
Power supply	~	220v 50/60HZ, 280W
Efficiency	~	99.99~99.995%
Air filter	~	H13 or H14 optional
Remark	Above is standard specs, the dimension can be customized as requested	

OTHER PARTS



Clean room
epoxy floor



Matched aluminum profiles



Air Exit Louvers



Aluminum strip



Air diffuser