



Company profile

SUZHOU HJCLEAR TECH CO., LTD was established in 2004 in Suzhou, Jiangsu Province, The company's headquarters is located in Suzhou Industrial Park, and production bases have been established in Suzhou and Jingjiang. Branches are set up in Wuhan, Chengdu, Xi'an, Jinan and Shenyang across the country, The company has been focusing on the research, development, production, sales and customized services of aseptic ultra-clean equipment, testing instruments and cleanroom engineering. It mainly produce equipments and instruments of clean room deals in business of clean room projects for pharmaceutical factory, laboratory, medical organization etc...

The company has more than 50 patents products, ISO9001 certification and CE certification. The company is a member of China clean room association and is one of Jiangsu Engineering Technology Research Center. We are in a leading position in the field of clean room.

The company's products including sterility isolator, negative pressure isolator ,vhp pass box,vhp generator, atomized sterilizer , bag in bag out filter system , suspended particle online monitoring system, airborne particle counter, air sampler, airborne bacterial counter, air flow capture hood, aerosol generator and photometer, glove integrity tester, dispensing booth, laminar air flow hood, purified cart trolley, laminar air flow cabinet , biosafety cabinet, static pass box, dynamic pass box, air shower etc have been sold to countries around the world from the establishment to the present.

The company boasts a professional team comprising R&D specialists, design engineers, and seasoned technicians, supported by state-of-the-art testing equipment and precision manufacturing systems. With lean management systems aligned with ISO standards, we deliver products that excel in both premium quality and exceptional cost-effectiveness.

Guided by our core tenets of Customer-First Philosophy, Technological Leadership, Service Excellence, and Pioneering Innovation, we are dedicated to delivering integrity-driven partnerships for globally benchmarked enterprises.

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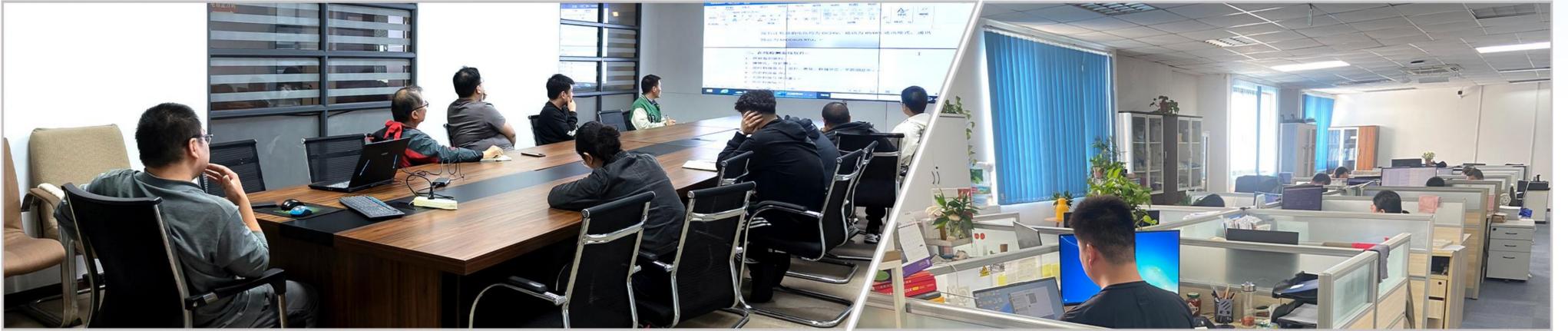
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Enterprise Culture



► Vision

"Work with one heart and share in the prosperity,"

► Mission

"Ultra-Clean Environments, Forged by Pure Commitment"

► spirit

"Customer Centricity, Collaborative Spirit, Proactive Drive, Lifelong Learning"

Cooperating units of Fortune Global 500.

It was they who chose me first - HJCLEAN.



Innovation

HJCLEAN TECH INDUSTRY BENCHMARK

Technology leads the new era of purification, and innovation drives a new future of cleanliness.

Embrace innovation and shape differentiated competitive advantages.

We are constantly exploring only to provide you with better service.



CNC punching machine



CNC bending machine



laser cutting machine

Ultra-clean environment ,Purity is created from the heart.

Service Industry





A clean studio, a microbial disinfection device, a hydrogen peroxide vaporization device, a VHP (Vaporized Hydrogen Peroxide) plasma aerosol generator, a jet - type aseptic isolator.

Dust particle counter, online monitoring system, a glove leak detection device, dust particle counter transmitter, a floating bacteria sampling head.



Qualification certificate

- National High - tech Enterprise
- Private Science and Technology Enterprises in Jiangsu Province
- Enterprise Technology Center
- Medical Device Business License



A clean transfer vehicle, an environmental quality indicator, a photoelectric sensor for a large - flow dust particle counter, a dust - removing foot mat, a surface particle counter.

Software for Cleanroom Comprehensive Parameter Acquisition System, Software for Handheld Air Particle Counter System Software for Floating Bacteria Sampler System, Online Suspended Particle Detection Software



Qualification certificate

- Identification of High - tech Products
- Member unit of Suzhou Clean Industry Association
- Quality System Management Certification
- Safety Production License for Construction Enterprises
- Hygiene License for Disinfection Product Manufacturers



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BIBO bag in bag out filter

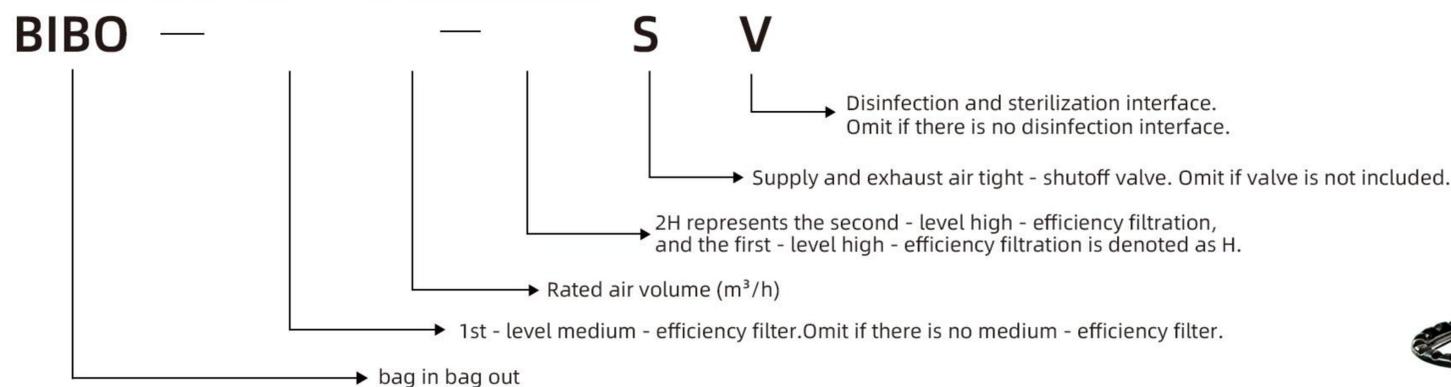
Invention patent: ZL201711498552. X ZL201711498876. 3



PRODUCT INTRODUCTION:

Bag in bag out filter is a safe and contactless filter replacement device, which is widely used in various high-risk or high-activity, high-toxicity and other fields, especially in biological and chemical (NBC) protection, hospital isolation wards biological research, genetic and biotechnology laboratories and other industries to play a central role in personnel and environmental protection. The biggest feature of the bag in bag out filter is that the installation, replacement and detection of the filter are carried out under the protection of PVC bags (or high temperature resistance), and the filter unit is completely free of contact with the outside air, thus ensuring the safety of personnel and the environment, making the replacement process convenient and fast.

MODEL DESCRIPTION:



TECHNICAL DESCRIPTION:

1. The unique quick - installation and compression mechanism for filters not only has a self - locking function to ensure that the filter is tightly sealed without loosening and with zero leakage, but also enables convenient and rapid installation and removal of the filter under the premise of ensuring safety.
2. It is equipped with on - line differential pressure detection for each level of filter to monitor the resistance of the filter and determine whether the filter needs to be replaced.
3. It is equipped with a manual on - line leak - detection scanning device, which can conduct a comprehensive and blind - spot - free leak - detection of the high - efficiency filter.
4. The double - layer bag - sealing device not only ensures the sealing and safety of the replacement bag, but also guarantees zero leakage during filter replacement.
5. The integrally - formed sealed box ensures high - level tightness.

PERFORMANCE PARAMETERS:

Item/Model	BIBO-1800/FH	BIBO-3500/FH	BIBO-5000/F2H	BIBO-7000/FH
Rated air volume (m ³ /h)	1800	3500	5000	7000
Filtration efficiency	0.5%VOL/h			
Sealing performance of the box	F8+H13		F8+H13+H13	F8+H13
Medium - efficiency filter	595*295*50*①	595*595*50*①	595*295*50*① 595*595*50*①	595*595*50*②
HEPA	595*295*292*①	595*595*292*①	595*595*292*① 595*295*292*①	595*595*292*②
External dimensions (mm)	700*530*1500	800*700*1650	800*1100*2450	800*1400*1950
Weight(kg)	120	160	195	265
Interface size	320*320	400*400	600*400	600*600

STI series sterile isolator

Invention patent:ZL201610220343.8

Utility model patent:: ZL201320372742.8 ZL201620300583.4 ZL201620538698.7



PRODUCT INTRODUCTION:

STI series sterile isolator is a controlled clean micro-environment that not only removes the external microbial contamination, isolation, and non-personnel contamination, but also maintains the cleanliness level A environment. It is equipped with a special hydrogen peroxide VHP sterilizer, a residue removal system after sterilization, a sterile air supply system, a closed cabin system, a special HMI operation and recording system, and a computerized verification system software.

The sterile isolator is widely used in pharmaceutical, medical, sterile isolation operation in sanitary, biological test and other places.

TECHNICAL FEATURES:

Automatic Leak Detection: Inflate the cabin to check whether the system remains airtight. If the airtight requirement is met, the sterilization procedure will commence. If not, continue to inflate for airtightness, then conduct leak detection again. Repeat this cycle until the airtight condition is satisfied.

High - efficiency Flash Evaporation Method: A high - precision constant - temperature system ensures 0 decomposition of hydrogen peroxide during evaporation, enabling 100% of hydrogen peroxide to form steam.

Rapid Residue Removal: The equipped hydrogen peroxide decomposer can not only quickly and thoroughly decompose hydrogen peroxide in the space but also break down the hydrogen peroxide residues on the surface.

Sterilization Process Recording: Automatically detect the sterilization concentration and automatically plot the sterilization process curve.

Door Interlock Function: The doors of the equipment cannot be opened during operation.

Antibacterial Treatment of the Inner Cabin Surface: The inner cabin surface is treated with antibacterial measures, which can achieve the effects of sterilization and antibacterial, preventing the growth of microorganisms on the inner cabin surface forever.

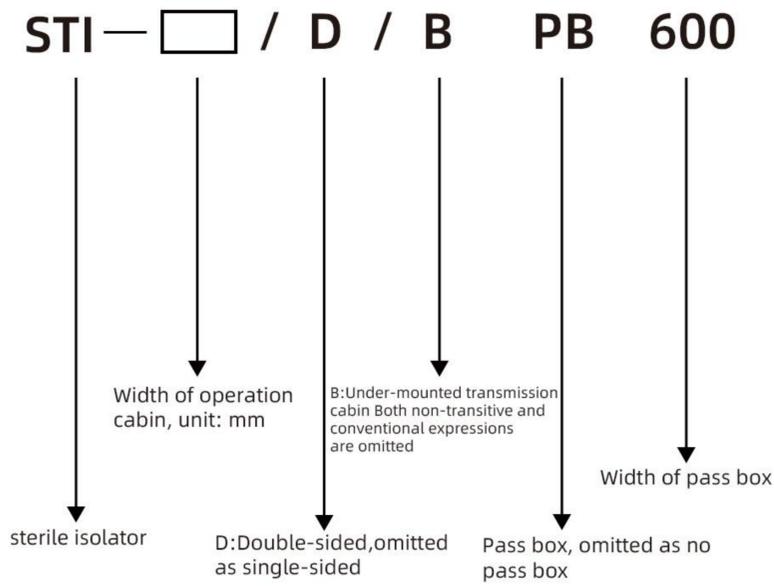
Compliance with Computerized Validation Software: The system has functions such as audit trail, electronic signature, and data integrity.

Bottom - loading Feature: The bottom - loading transfer chamber has a compact structure, occupies a small area, and is easy to operate.



STI series sterile isolator

MODEL DESCRIPTION:



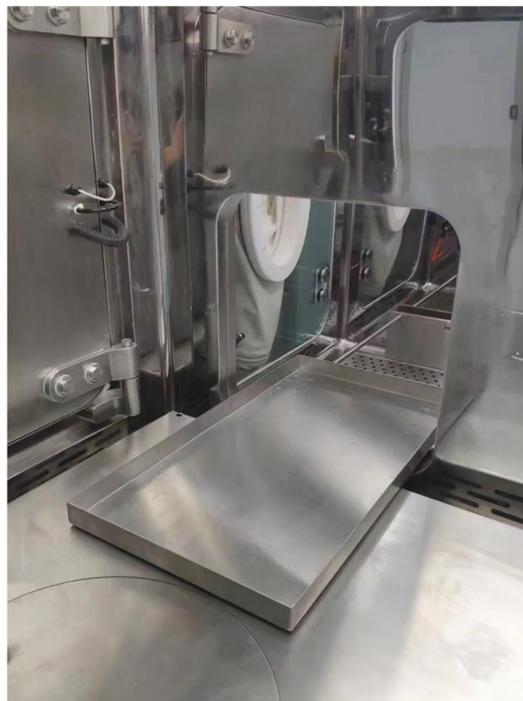
PERFORMANCE PARAMETERS:

Material	All 304 stainless steel outside and 316L stainless steel inside
Cleanliness level	CLASS A
Wind speed	0.45m/s±20%
Leakage rate	≤ 0.5% VOL/h (below 100pa)
Exhaust volume	≥300m³/h
Pressure control range	-100pa~+100pa
Sterilization efficiency	6lg
VHP residue removal efficiency	≤1PPM
Control mode	Manual or automatic
Noise	≤68dB(A)
Illumination	≥350LUX

MODEL SPECIFICATION:

Model/Parameter	Overall dimension (W*D*H)mm	Operation cabin size(W*D*H)mm	Size of transfer cabin(w*D*H)mm	Power supply	Compressed air volume	Explain
STI-1200	1600*880*2250	1195*680*700		AC220V/3.5KW	≥0.6Mpa	Single - person, single - cabin
STI-1200/BPB600	1600*880*2250	1195*680*700	600*680*700			Single - person, double - cabin
STI-1500D/BPB600	2100*1200*2250	1495*1195*700	600*680*700			Single - person, double - compartment, double - sided
STI-1800	2200*880*2250	1795*680*700		AC220V/5.5KW		Double - person, single - cabin
STI-1800/BPB600	2200*880*2250	1795*680*700	600*680*700			Double - person, single - cabin
STI-1800/PB600	2800*880*2250	1795*680*700	600*680*700			Double - person, double - cabin
STI-1800D/BPB600	2200*1200*2250	1795*1195*700	600*680*700			Double - person, double - cabin, double - sided

CUSTOMER CASES:



ISLT series negative pressure isolator

PRODUCT INTRODUCTION:

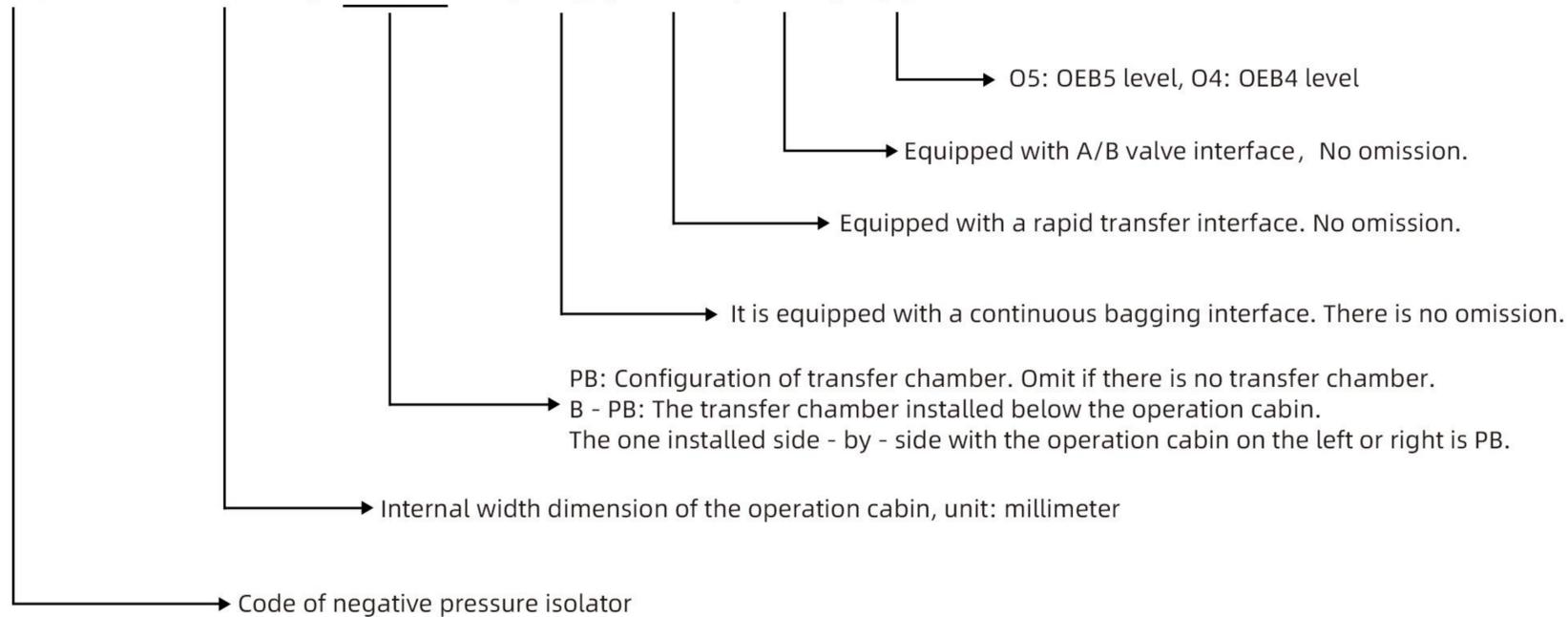
Negative pressure isolator is an isolation and protection equipment with high tightness that forms negative pressure during process operation. Generally, it is composed of operation cabin, continuous bagging system, RTP valve system, control system, cleaning system, sterilization system, waste liquid collection module, etc.

Users can configure functions according to process requirements mainly used in the operation process that causes toxicity and pollution to human body or environment, especially in anti-tumor drugs Active biological products, animal testing and other industries have been widely used.



MODEL DESCRIPTION :

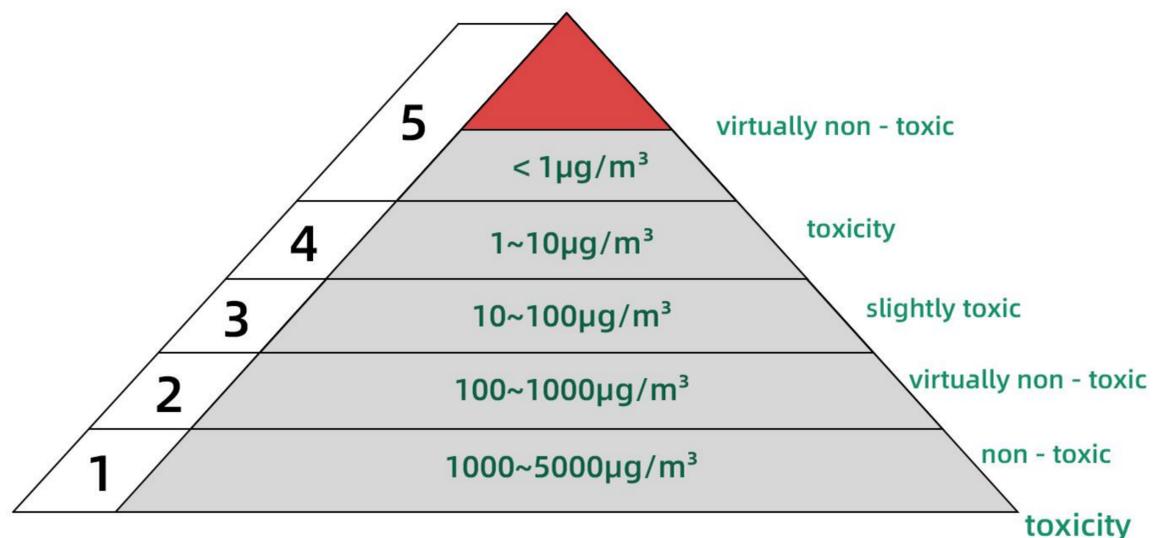
ISLT — 1800 / B-PB /BG /RTP /AB / 05



PERFORMANCE PARAMETER:

Air supply filtration efficiency	99.99%@0.3um
Exhaust air filtration efficiency	99.997%@0.3um
Negative pressure range in the cabin	-20~-150Pa
Air change rate	≥20T/h
Protection level	OEB4,OEB5 level
Power supply	AC220V,50Hz
Noise	≤65dB(A)
Illuminance	≥350lux

OEB level:



ISLT series negative pressure isolator

PRODUCT INTRODUCTION:

- The negative pressure isolator can ensure that harmful toxic substances in the operation cabin do not leak outside the cabin.
- The negative pressure isolator can automatically adjust the negative pressure inside the cabin according to the set value and has an emergency response function.

Once the isolator detects internal pressure loss or leakage, it will automatically respond and adjust to ensure that the air flow of the isolator enters from the background room, thus avoiding the spread of toxic substances.

- It has a reasonable and compact structure, offering high cost - effectiveness.
- It can be equipped with a disinfection and inactivation treatment system to achieve disinfection effects.
- It can be configured with a waste liquid collection module with a breathing function to prevent the escape of toxic substances and environmental pollution.
- The exhausted air undergoes double - layer filtration protection, enhancing the safety of the exhausted air.

APPLICATION CASES:



MODEL SPECIFICATIONS:

Model	Overall dimensions(mm)	Internal dimensions (mm)	Instruction	Power supply
ISLT-1200/05	1200*680*2350	1195*650*800	2 gloves, single cabin, OEB5 level	AC220V50Hz,2.5KW
ISLT-1200/BPB/04		PB:500*400*500	Two gloves, with a transfer chamber placed at the bottom, OEB4 level	
ISLT-1200/BPB/BG/05		1195*650*800 PB:500*500*500	Two gloves, with a transfer chamber placed at the bottom, equipped with a continuous bagging system, OEB5 level	
ISLT-1500/BG/04	1500*680*2350	1495*650*800	Three gloves, equipped with a continuous bagging system, OEB4 level	AC220V50Hz,2.8KW
ISLT-1800/04	1800*680*2350	1795*650*800	Four gloves, OEB4 level	AC220V50Hz,3.2KW
ISLT-1800/PB500/BG/05		1795*650*800 PB:500*500*500	Four gloves, equipped with a continuous bagging system and a transfer chamber, OEB5 level	
ISLT-1800/BPB/BG/05		1795*650*800 PB:500*500*500	Four gloves, equipped with a continuous bagging system and a transfer chamber placed at the bottom, OEB5 level.	
ISLT-1800/AB/05		1795*650*800	Four gloves, equipped with A/B valves, OEB5 level	

Sterile subpackage isolation system

PRODUCT INTRODUCTION:

The filling aseptic isolator system consists of the following parts: aseptic isolation operation area, material transfer area, bag - in - bag - out pollutant collection and processor, pneumatic sealing system, control system, monitoring system, and a supporting VHP sterilization system.

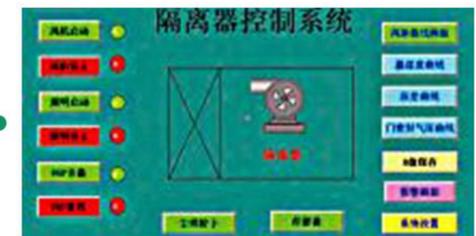
According to the technological functions, it can be classified into: production type, weighing and sampling type, aseptic feeding type, aseptic filling type, etc. It is mainly used in the technological processes such as aseptic filling, weighing, sampling, filling, and packaging of pharmaceutical preparations, raw materials, and auxiliary materials.

Composition of the isolation cabin: receiving cabin, filling cabin, inner - cover - putting cabin, capping cabin, discharging cabin.

Main configurations: electric drum, vibrating filling machine, electronic scale, capping machine, VHP sterilization system, automatic barrel - holding machine, photoelectric - induction automatic sliding door, dust collector.



Vibrating filling machine



Metering control system

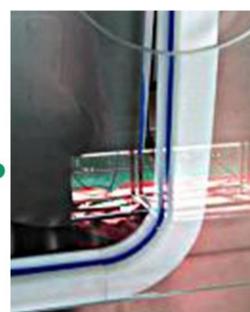


Pneumatic isolation door

Electric drum



Capping machine



Inflatable sealed door

Sterile subpackage isolation system

TECHNICAL FEATURES:

Double - door transfer technology: Ensures that the clean space is not affected by material transfer and personnel operations, and solves the problem that the 100 - class cleanliness of traditional aseptic rooms cannot be continuously maintained.

Monitoring system: Online monitoring of operating parameters of the isolator, such as pressure, temperature, humidity, cleanliness, planktonic bacteria, wind speed, and exhaust volume, which meets the management requirements of GMP/GLP.

Control system: Automatically controlled by a microcomputer, with a large - screen touch - type human - machine interface, compliant with computerized validation software.

Adjustable positive and negative pressure: Can meet the protection requirements for toxic substances and prevent pollution.

Sealing method: Double - layer sealing to achieve zero leakage.

Sterilization modes: Two modes, ozone or vaporized hydrogen peroxide (VHPS), are available for configuration.

CUSTOMER CASES:



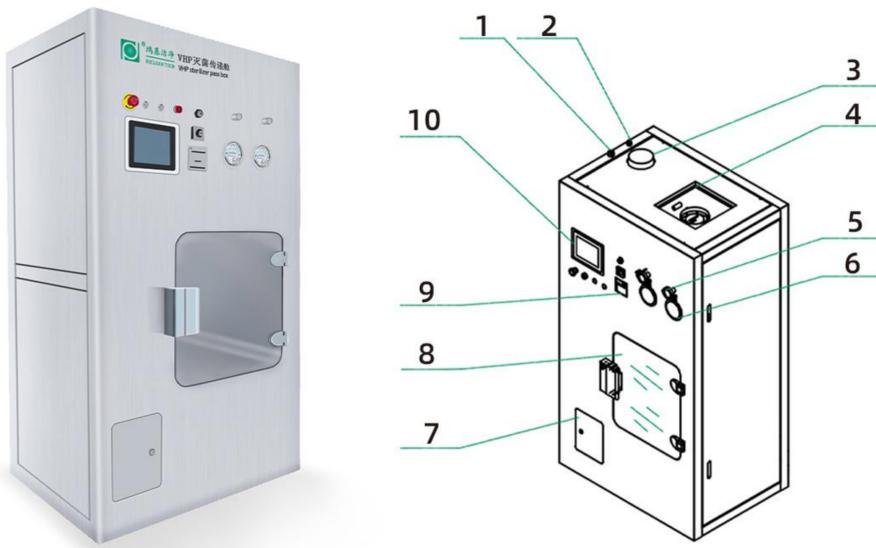
VHP sterilizer pass box

Patent for Invention: ZL201610220728.4 ZL201610392506.0

Utility Model Patent: ZL201320372742.8 ZL201620294911.4

PRODUCT INTRODUCTION :

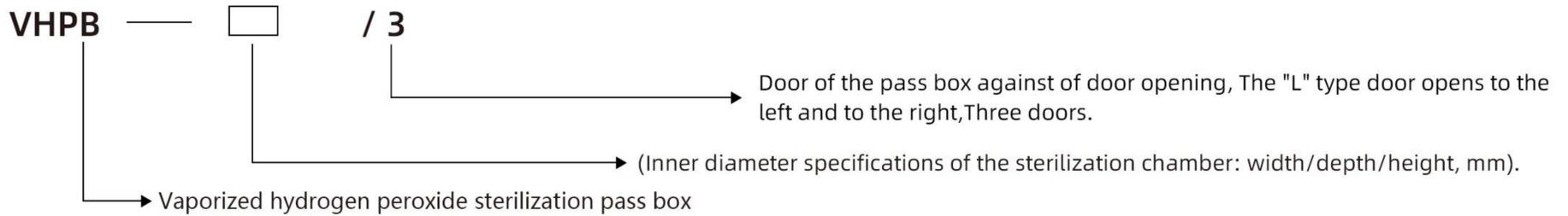
The VHPB normal temperature sterilization transfer cabinet is a specialized sterilization equipment that can provide biological decontamination on the surface of items when transferring items between different functions. It is equipped with a dedicated hydrogen peroxide generator, a sterile air supply system, an electromagnetic door interlocking system, a sealed system, a system for removing residues after sterilization, a special HMI (Human-Machine Interface), and a sterilization medium delivery system. It is widely used for normal temperature surface sterilization in places such as pharmaceuticals, medical treatment, hygiene, and biological experiments.



Description :

- | | |
|---------------------------------------|-------------------------------|
| 1:Power inlet | 6:Differential pressure gauge |
| 2:Air source interface | 7:liquid storage tank |
| 3:exhaust vent | 8: inner cabin |
| 4:fresh air primary efficiency filter | 9:printer |
| 5: DOP interface | 10: industrial computer |

Model Description :



Model Specifications:

Specifications/Model	Overall dimensions (W * D * H) mm	Inner cabin dimensions (W * D * H)mm	Exhaust air interface	fresh air inlet	power supply	power
VHPB-400/500/500	1050*600*1800	400*500*500	φ133	φ133	AC220V /50HZ	3.5KW
VHPB-500/500/500	1050*600*1800	500*500*500	φ133	φ133		
VHPB-600/600/600	1150*700*1850	600*600*600	φ133	φ133		
VHPB-700/700/700	1300*800*2000	700*700*700	φ133	φ133		
VHPB-800/800/800	1400*900*2100	800*800*800	φ133	φ133	AC220V /50HZ AC380V /50HZ	5.5KW
VHPB-900/900/1000	1500*1000*2250	900*900*1000	φ133	φ133		
VHPB-1000/1000/1000	1600*1100*2250	1000*1000*1000	φ133	φ133		
VHPB-1200/1000/1000	1800*1100*2250	1200*1000*1000	φ133	φ133		
VHPB-1200/2000/1800	1800/2100/2450	1200*2000*1800	φ203	φ203		

VHP sterilizer pass box

Performance Parameters :

material	316 stainless steel wire drawing plate	compressed air	0.6-0.8Mpa
Sterilizer	Better than 30% food-grade hydrogen peroxide solution	VHP residue removal efficiency	≤1 PPM, no more than 20 minutes
Air supply level	CLASS A	Vaporization temperature	≤100°C
Leakage rate	≤0.5% VOL/h (under 100 Pa)	noise	≤70dB(A)
Number of air changes	≥80T/h	control mode	Manual or automatic
Air flow	0.5m ³ /h	Sterilization efficiency	6lg @ total sterilization time ≤ 90 minutes
sterilization time	≤60min	Range of Sterilant Weight	50g~500g

Customer Cases:



Technical characteristics:

- **Automatic leak detection:** inflate the cabin and check whether the system is closed. If the airtight requirements are met, the sterilization process will be started. If the airtight requirements are not met, continue to inflate and seal, and then leak detection, and so on, until the airtight conditions are met.
- **Sterilization liquid shortage alarm:** automatically judge whether the sterilization liquid is sufficient for a complete sterilization process. If the sterilization liquid is insufficient, an alarm will be prompted.
- **Unique dehumidification method:** dehumidifier is not required to maintain low humidity in the cabin during preheating and sterilization.
- **Efficient flash method:** high-precision flash temperature control enables hydrogen peroxide to decompose and evaporate efficiently during flash.
- **Rapid decomposition and residue removal:** the efficient hydrogen peroxide plasma decomposer can not only decompose the hydrogen peroxide suspended in space, but also decompose the hydrogen peroxide on the surface. Except for the residue, it is fast and complete, and does not need to be discharged.
- **Record the whole process of sterilization:** automatically detect the sterilization concentration and automatically draw the sterilization process curve.
- **Double-door electronic interlock function:** when the equipment is in the state of leak detection, sterilization and residue removal, both doors cannot be opened. Only after the residue removal reaches the safe concentration can the side door of high cleanliness level be opened. The two doors cannot be opened at the same time.
- **Bacteriostatic treatment of the interior surface of the cabin:** the interior surface is treated with special treatment, which can achieve sterilization and bacteriostasis, and make the interior surface free of microbial breeding ground forever.
- **Software system conforming to computerized verification:** the system has the function of audit trail and electronic signature. Comply with the audit requirements of FDA 21CFR Part 11.
- **Configurable ultraviolet disinfection lamp:** ultraviolet disinfection is used when VHP sterilization is not required.

VHPS sterilizer

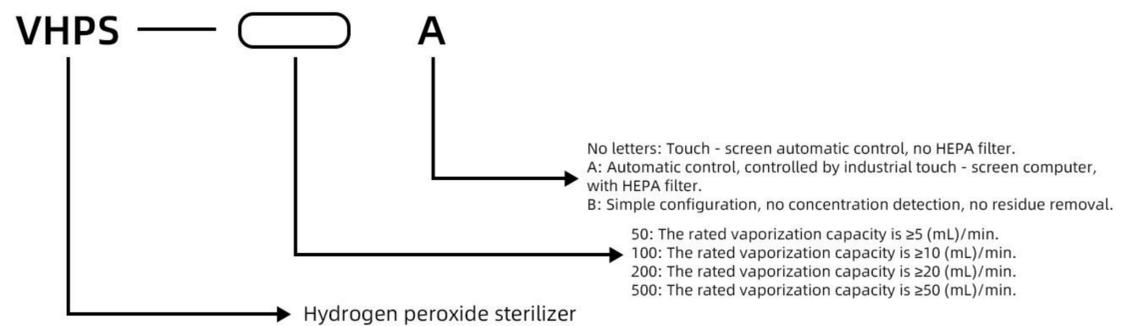
Invention patent:ZL201610220343.8 ZL201610392506.0
Utility model patent:ZL201320372742.8 ZL201620538698.7



PRODUCT INTRODUCTION:

VHPS sterilizer is an equipment that forms hydrogen peroxide steam from H2O2 solution (i.e. hydrogen peroxide) through vaporizer, and then transmits it to the space to be sterilized through pipeline for biological decontamination. It is widely used for room temperature sterilization of confined space, including transfer tank, filling machine, freeze-drying machine, isolator, clean room and other places.

MODEL DESCRIPTION:



WORKING PRINCIPLE:

VHPS sterilizer takes advantage of the fact that hydrogen peroxide in a gaseous state at room temperature has a greater sporicidal ability than in a liquid state. Free hydroxyl groups are generated during production, which attack cellular components, including lipids, proteins, and DNA structures, meeting the requirements for complete sterilization.

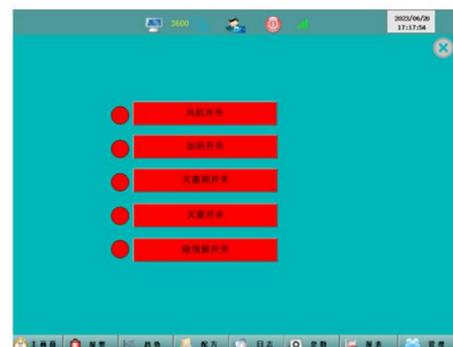
TOUCH - SCREEN INTERFACE:



Login interface



main interface



manual interface



alarm interface

USE ENVIRONMENT:

- Ambient temperature: 10°C - 40°C
- Relative humidity: 0 - 85% RH
- Voltage: AC220V + 10%; Frequency: 50Hz \pm 1Hz; Effective grounding
- Dust - free and smoke - free environment
- Ambient dust concentration not exceeding 100,000 particles/ft³

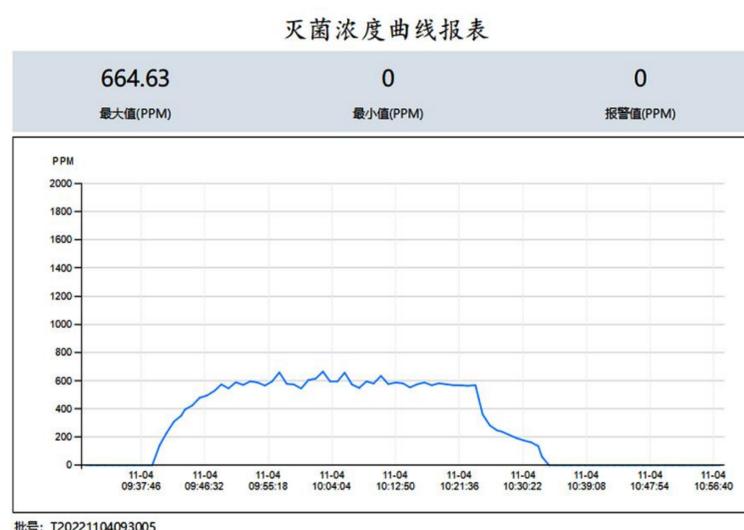


VHPS sterilizer

PERFORMANCE PARAMETERS:

Item / Model	VHPS-50	VHPS-100	VHPS-200	VHPS-500
Rated vaporization capacity	0~5g/min	0~10g/min	0~20g/min	0~30g/min
Air volume	60m ³ /h	120m ³ /h	200~250m ³ /h	700m ³ /h
Sterilization factor	Hydrogen peroxide vapor			
Biological decontamination ability	6Lg			
Power supply	AC220V,50Hz			
Flash evaporation power	2.5kw	12kw	18kw	35kw
Weight(kg)	150	200	300	400
Overall dimensions (mm)	W600*D720*H1150	W740*D870*H1150	W1200*D900*H1950	W1400*D1150*H1950

TECHNICAL FEATURES:



1. Four unique technologies:

- High - precision flash evaporation temperature control technology:** High - precision temperature control ensures that hydrogen peroxide does not decompose during evaporation, improving the sterilization efficiency of hydrogen peroxide.
- High - efficiency biological decontamination ability:** Due to the large air supply volume, the vaporized VHP (Vaporized Hydrogen Peroxide) can be quickly sent into the space, enabling VHP to spread rapidly in the space. This results in a short sterilization time and high sterilization efficiency.
- Unique residue removal function:** The use of a hydrogen peroxide remover can quickly reduce hydrogen peroxide vapor back to water and oxygen, with a short residue removal time and high efficiency.
- Computerized verification software:** Records the changes in parameters such as VHP concentration, flash evaporation temperature, temperature and humidity parameters, and hydrogen peroxide weight during the sterilization process, and generates reports.

2. Functional features:

- Wide sterilization range and large space applicability. It can quickly and evenly sterilize large spaces.
- Has the function of memorizing and saving sterilization parameters, which can be directly retrieved during sterilization.
- Produces few residues. Through the hydrogen peroxide decomposer, it is ultimately decomposed into water and oxygen.
- Short sterilization time and low operating cost.
- Can be set to turn on at a scheduled time, with the ability to reserve time and set the sterilization time.
- Has a networking function, enabling the control of the sterilization process through the network. Multiple units can form a local area network.

Glove integrity tester

Utility model patent: ZL201220002291.4 ZL201220136991.2

PRODUCT INTRODUCTION:

The GT series glove integrity tester is an instrument for detecting the leakage rate of sterile gloves. It is widely used in the leakage detection of rubber gloves and products such as 7 - inch, 8 - inch, 10 - inch gloves, and half - body suits. It features simple and rapid detection, high accuracy, and visualizable test results.



GT-5(online)



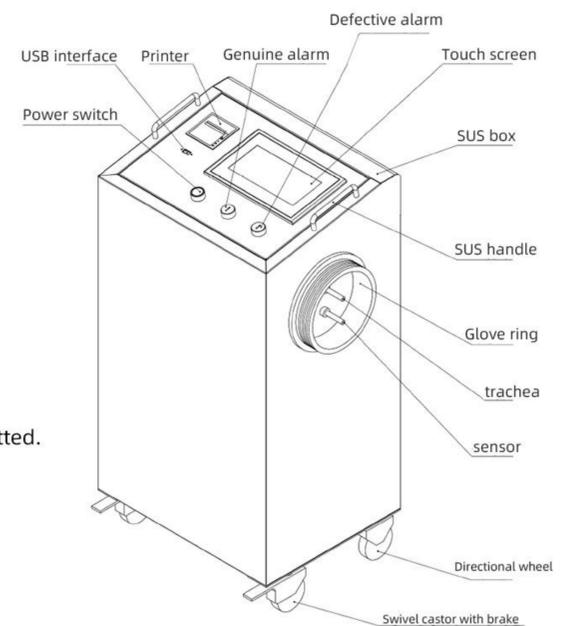
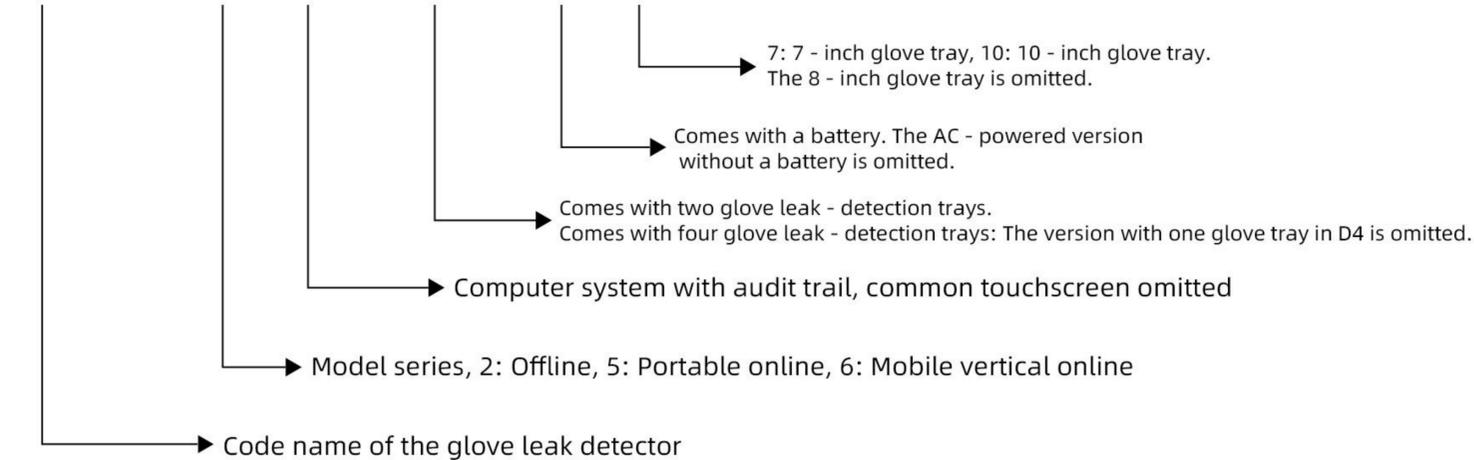
GT-6(online)



GT-2(offline)

MODEL DESCRIPTION:

GT — 6 C / D2 / B - 7



PRODUCT VIEWS:



Glove integrity tester



PERFORMANCE PARAMETERS:

Item/Parameter	GT-2	GT-5	GT-5C	GT-5B	GT-6	GT-6C/D2	GT-6C	GT-6B
Power supply	AC220V50Hz		DC24V		AC220V50Hz		DC24V	
Battery life				4h				4h
Power consumption	150W	120W			150W			
Detection method	offline	online						
HMI	touch screen		windows system		touch screen	windows system		
Data storage	256groups		50000groups		256groups	50000groups		
Structural form	movable vertical type	portable			movable vertical type			
Overall dimension(mm)	550*400*980	280*310*450		270*310*350	500*400*980	600*600*1100		
Weight	12kg	7kg	9kg		12kg	14kg	16kg	
Display accuracy	0.1Pa/s							
Detection accuracy	0.5Pa							
Repeatability	2%F.S							
Detection range	0--2000Pa							
Detection time	0-999s							
Response time	200ms							

MIS series mist shower room

PRODUCT INTRODUCTION :

The MIS series mist shower room is a new type of isolation and anti-pollution device with photoelectric control, electronic interlocking, and automatic spraying. It is widely used in production and medical departments such as pharmaceuticals, biochemical products, and isolation wards. It is used in scenarios where the dust on the human body needs to be wetted to prevent it from being raised, thus protecting the personnel and the external environment. After passing through the mist shower room, personnel can directly take off their outer clothes and leave the production site, which prevents the operators from carrying out harmful dust to the human body out of the clean room, protecting both the personnel and the external environment. At the same time, the mist shower room also functions as an air lock, preventing the untreated air that is harmful to the human body from escaping and polluting the external environment. It is an effective isolation device for human body purification and preventing the outdoor air from being contaminated.

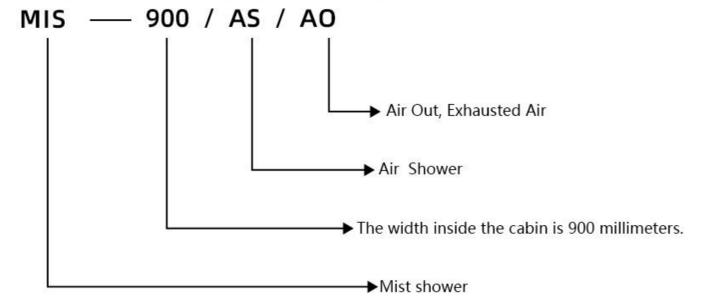
TECHNICAL FEATURES:

1. The door is inflated for sealing, and the double doors are electronically interlocked.
2. The airtightness of the cabin body reaches above OEB4 level.
3. There are two spray modes: emergency large-capacity spraying and general spraying.
4. The interior is integrally treated for waterproofing.
5. Water temperature control, and the mist shower temperature is automatically controlled.
6. Designed with a negative pressure ventilation system to protect the environment.
7. Closed valves for the fresh air and exhaust interfaces.
8. Equipped with a BIBO (Bag In, Bag Out) safety filtration device.

PERFORMANCE PARAMETERS :

Parameter	MIS-900	MIS-900/AS	MIS-900/AO
Function	Mist shower	Mist shower + air shower	Mist shower + BIBO exhaust
Differential pressure status	No pressure difference	Slight negative pressure	-10 to -100 Pa(adjustable)
Mist shower time	1-99 seconds (default is 30 seconds)		
Particle size of mist shower	≤10um		
Rated mist shower volume	≥200g/min		
Number of mist shower nozzles	2		
Air shower wind speed	25m/s		
Air filtration efficiency	99.97%0.3um		
Number of air shower nozzles	6		
Rated exhaust volume			≥200m ³ /h
Exhaust air filtration efficiency			99.995%0.3um
Number of levels of the bag in bag out exhaust system			Single stage
External dimensions	1400*1000*2300	1400*1000*2300	1500*1000*2500
Working area dimensions	900*900*2000	900*900*2000	900*900*2000
Power supply	AC220V, 50Hz	AC380V, 50Hz	AC220V, 50Hz
Maximum power	1000W	2500W	2500W
Compressed air requirement	The pressure is 0.3-0.6 megapascals (MPa).		
Water source	Purified water		
Drainage	None		

MODEL DESCRIPTION:



AD-15 atomizing disinfection machine

PRODUCT INTRODUCTION:

The AD series atomizing disinfection machine utilizes the characteristics of hydrogen peroxide mist at the micron level, which has a larger surface area at room temperature and extremely strong spore-killing ability. It is used to attack cellular components, including lipids, proteins, and DNA tissues, and can be efficiently and rapidly converted into H_2O , O_2 and CO_2 , thus achieving the purpose of rapid disinfection.

The AD series atomizing disinfection machine is a device that forms micron-level aerosols from the hydrogen peroxide solution through an atomizer and delivers them to the space to be disinfected via a swirling flow nozzle for disinfection.

The concentration of the hydrogen peroxide solution used: 3% to 8%.

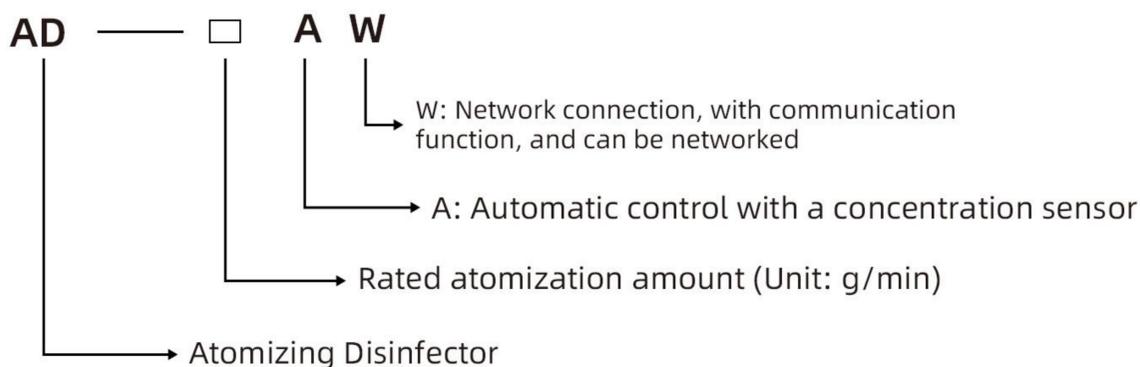
TECHNICAL FEATURES:

Unique atomization generation technology: At room temperature, the hydrogen peroxide solution is converted into mist-like particles through an atomizer without changing the composition structure of the disinfectant.

Aerosol formation technology: Under high-speed swirling flow, the atomized particles can be rapidly formed into micron-level (1-10 μ m) aerosols. Due to the large surface area of the aerosols, the disinfection efficiency is higher.

Unique long-distance delivery technology: The injection tube is set in a spiral structure. After the air flow passes through, a spiral columnar fluid is formed, which can deliver the disinfectant aerosol over a long distance, making the disinfection range extensive and uniform.

MODEL DESCRIPTION:



PERFORMANCE PARAMETERS:

Disinfection principle	Atomization at room temperature, atomized particles: 1-10 micrometers (μ m)
Spatial disinfection efficiency	$\geq 99.99\% \sim 99.9999\%$
Surface killing rate	$\geq 3lg \sim 6lg$
Air flow rate	$\geq 80m^3/h$
Rated atomization capacity	15g/min
The number of spray heads	1
Capacity of disinfectant solution	1L
The maximum disinfection duration	120min
Volume(L*W*H)mm	350*250*280
Weight	2.5kg
Power	250W
Power supply	AC220V \pm 22V 50Hz \pm 1Hz
Suitable disinfection factors	Concentration of hydrogen peroxide solution: 3 - 8%

