Hangzhou Winteam Scientific Instruments Co., Ltd.

PVC sterility test isolator

1. Technical Feature

High-efficient display of the differential pressure, real-time monitoring of pressure, temperature, and humidity in cabin, and indicator for working status are set.
It has dehumidification function, can adjust and control humidity and temperature, and has low requirements for environment.
It adopts embedded stylus printer with data online printing function.
It is designed with multi-function testing interface to test concentration of hydrogen peroxide gas, floating bacteria, dust particles and PAO according to requirement.
Integrated built-in bacteria collector has digital display of rotating speed at unlimited speed-adjustable function and foot switch control for convenient operation.
Completely customizable according to customer's specific size.

2,Parameter

Model	Size(MM)	Operate room	Air brake size	description
YT-S1306	1306*1048*2000	1306*1048*840	NO	Double side soft cover, Turbulent flow,2+2 gloves
YT-S1806	1806*1048*2000	1806*1048*840	NO	Double side soft cover, Turbulent flow,4+2 gloves
YT-S1806S	1806*848*2000	1806*848*840	NO	single side soft cover, Turbulent flow, 4 gloves
YT-S1806A	2400*1048*2000	1806*1048*840	500*600*500	Double side soft cover, Turbulent flow,4+4 gloves
YT-S2400	2400*1048*2000	2400*1048*840	NO	Double side soft cover, Turbulent flow,4+4 gloves
YT-S2400A	3000*1048*2000	2400*1048*840	500*600*500	Double side soft cover, Turbulent flow,4+4 gloves

Power Supply:	AC220±22V, 50HZ±1HZ
Power:	2500W
Internal Illumination:	≥300Lux
Noise:	≤75dB(A)
Airflow for Sterilization:	≤2.4m3/min

Air Exhaust Volume:	≤600m3/h
Injection Rate:	0～20g/min
Temperature for Vaporization:	≤100℃
Humidity for Dehumidification:	≤30%RH
High Efficiency Particulate Air Filter:	Grade H14 with 99.995% of filtering efficiency
Sterilizing Agent:	35% of food grade hydrogen peroxide solution
Capacity of Sterilizing Agent:	500g
Dehumidizer:	molecular sieve
Specification of Detection Portal:	fast-loading interface at Φ32
Interface Size of Air Exhaust:	Φ100mm
Sterilizing Ratio:	106 for fat thermophilic spore
Size of Touch Screen:	7 "
Pressure Control Scope:	0～100Pa
Pressure Resolution:	0.1Pa
Temperature Resolution:	0.1℃
Humidity Resolution:	0.1%
Purification Grade of Chamber Interior:	Grade 100(A)at static status

Type YT-S1806 Isolator System

1. Sterility Test Isolators consisting of transparent PVC film is selected. The whole structure and operation platform are made of 316L stainless steel, and the top is closed. Structural design, sterilization system, integrated control unit, air inlet and outlet system, air filtration unit, etc., more beautiful and easy to clean and maintain;
2, Siemens touch screen design, improve operator comfort.
3, the operating compartment 6 gloves standard operating port design, the main and secondary operating surfaces are 4, 2, respectively, the transmission compartment 4 gloves standard operating port design, no operation blind zone;
4. The sleeve is made of American material, and the airtightness, chemical compatibility and mechanical wear resistance are further improved;
5. Support two sterility test methods prescribed by the Pharmacopoeia: membrane filtration method and direct inoculation method.
6, the operation cabin, transfer cabin combination, can also be used alone, directly integrate the pump unit of the collection instrument to the operating platform;

7. The inlet and outlet ports of the Sterility Test Isolators are all equipped with H14 high-efficiency filter and imported high-performance centrifugal fan. The airflow mode in the cabin is turbulent and can maintain positive pressure continuously.
8. Install the high-efficiency filter differential pressure monitoring function to display the HEPA ventilation status in real time;
9. The interface of the hydrogen peroxide (VHP) sterilizer is reserved, and the inside is sterilized by using hydrogen peroxide gas or ozone gas, and the lg6 sporicidal effect can be achieved in the air and the exposed surface of the cabin;
10. The control system with remote control function, all important information is displayed on the same touch screen for convenient operation, and the required process parameters can be remotely controlled and recorded by the microcomputer to meet the needs of users to save experiments, production data and traceability;