

# Introduction to VHP pass-through window



Model: SX\_VHP\_1000

The inner chamber is made of SUS316L stainless steel and features an inflatable seal on the door to ensure airtightness. The visible door provides a safe and clear view of the chamber's interior. An interlocking system ensures that the door cannot be opened simultaneously from both the entrance and exit. The HMI touch panel (10 inches) offers a user-friendly interface for controlling the system through different authorization levels.

Audit tracking records the operator's inputs and operations.

Current parameter settings, real-time monitoring, and historical alarm trends are provided

Periodic reports

Three color light and sound alarms (green, yellow, and red) humidity and temperature sensors monitor the EC fan to ensure low noise levels and emergency shutdown from either side of the box



## merit

- The sterilization process is less than 120min, which can realize multiple batches of sterilization operation on the same day.
- Clean compressed air is used as the power source to reduce indoor air intake, rapid dehumidification, reduce the total sterilization time, and reduce the risk of condensation in the cabin.
- The decomposition filter can effectively reduce the concentration of VHP during discharge, and reduce the impact on the environment and personnel.
- Up and down maintenance is possible to reduce the reserved maintenance space.
- It can be used for corner sterilization transmission to increase the utilization rate of plant space and improve the process layout.
- The cavity can be tested for airtightness. After passing the test, the sterilization process can be started.
- Before sterilization, the batch number should be input to facilitate traceability.
- Sterilization effect meets GMP related requirements

## function

- **Easy to maintain**
- Provide remote access and assistance, update and maintenance.
- **Highest security**
- Through the perfect combination of design and manufacturing strategies, a very strict level of airtightness and complete sterile environment are ensured, ensuring air tightness class I (ISO10648:2)
- **Energy conservation**
- Long-term operation, high energy efficiency, ensuring a clean environment in ClassA grade, the isolation chamber has very low energy consumption throughout its life cycle.

## apply

- biotechnology company
- Pharmaceutical enterprises
- Centers for Disease Control
- University research institute biosafety laboratory, etc.
- Other areas of organic pollution exist.

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parameter

model	SX_VHP_1000
External dimensions W*H*D	1600x1060x2100
Work area size W*HxD	1000x1000x1000
Nominal volume (L)	1000
Work area cleanliness	B level
Sterilization efficacy	6-log
Power supply (kw)	3
Discharge	Optional hydrogen peroxide emission catalytic decomposition device
Process monitoring	The optional H2O2 high concentration sensor is used for process monitoring
Wheelbarrow	Optional material transfer trolley
Disinfectant	Optional hydrogen peroxide disinfectant
Attestation	Optional 3Q file
Quality Assurance	The warranty is 1 year, and optional extended warranty service can be selected



Suzhou Suxin Environmental Technology Co., LTD



One-to-one service



Quality three guarantees



factory direct sale