

VHP Pass Box

The VHP Pass Box is a high-tech transfer device designed to connect two areas of different cleanliness classifications. Its core function is to utilize vaporized hydrogen peroxide — a potent sterilizing agent — to deliver thorough, automated sterilization of all item surfaces within the transfer chamber. This process absolutely prevents cross-contamination by pollutants (such as bacteria, molds, viruses, and spores) during material transfer.



Product Features

- Integrated VHP module enables sterile material transfer and cross-contamination protection
- Automated control system manages the complete sterilization cycle - including sterilization, ventilation, and validation
- SUS304L brushed plate for corrosion resistance and easy cleaning
- Electronic interlock doors and differential pressure monitoring
- Compliant with GMP and ISO 14698 sterilization validation standards

Standard Configuration

- SUS304L brushed stainless steel plate
- VHP concentration sensor
- VHP decomposition filter
- Microcomputer touch control
- Dial-Type High-Precision Pressure Gauge

Optional Configuration

- Vaisala VHP Concentration Sensor
- Dedicated Transfer Cart
- Digital High-Precision Differential Pressure Gauge



Product Highlights

- Integrated Touchscreen Control: Provides full sterilization data visibility and anomaly alerts
- Digital Differential Pressure Display & Central Monitoring: Ensures data integrity and compliance with GMP requirements

Standard Models & Technical Parameters

Model	External Dimensions (WxDxH) mm	Internal Dimensions (WxDxH) mm	Chamber Volume (L)	Weight (kg)	Cleanliness Level	Sterilization Efficacy	Consumption (kW)
BVHP-060080	1200x860x2000	600x800x600	288	180	ISO 14644-1 Class 6	6-log	3
BVHP-080080	1400x860x2100	800x800x800	512	200			
BVHP-100100	1600x1060x2100	1000x1000x950	950	260			
BVHP-100120	1600x1260x2200	1000x1200x1100	1320	300			