



PBL Sterile Transfer Chamber

Sterile Transfer Chamber

i PBL Vertical Laminar Flow

The PBL Series Sterile Transfer Chamber(decontamination airlock) is equipped with an integral Vaporized Hydrogen Peroxide system for surface decontamination. It is vertical laminar flow and Class A internally. It is controlled by SIEMENS PLC, and after setting the sterilization parameters, the system's built-in programme supports unattended automatic operation.



Applications

- For transferring materials such as APIs and tools from low grade areas to Class B areas.
- For the handling of items that cannot endure high temperatures into Class A/B aseptic areas.

Features

- The use of Vaporised Hydrogen Peroxide 102/202 as a biological decontaminant is a low-temperature, atmospheric-pressure decontamination process that is efficient and environmentally friendly
- Real-time monitoring of temperature, humidity, and pressure
- Provides a complete 4Q programme with on-site validation
- H14 HEPA filter system
- Pneumatic interlock door
- Pneumatic sealed door with toughened glass in stainless steel frame
- Vertical laminar flow, Class A interior

Sterile Transfer Chamber

Air flow: Vertical laminar flow	VH ₂ O ₂ Residue: ≤1ppm	VH ₂ O ₂ Inlet: 1.5" TC
Cleanliness Level: GMP Grade A	HEPA Filters: H14	Sterility Assurance Level: ≥6-log kill
Complete Cycle Time: 150min	Outlet: 4" or 6" TC	Chamber Material: SUS316L
Print: Bio-decontamination cycle parameter saving and printing		
Alarms: High/low pressure alarm, interlock alarm, VH ₂ O ₂ concentration alarm,temperature alarm, door open timeout alarm		

Specifications

Model	Dimensions(mm)	Chamber(mm)
PBL125	1100x814x2200	500x700x500
PBL400	1350x814x2230	700x700x800
PBL600	1515x1245x2250	800x1000x1000
PBL1000	1515x1245x2450	800x1000x1200
PBL1500	1800x1345x2450	1100x1100x1200

*Size can be customized



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