

DYNAMIC PASS BOX

(COMPLETE STAINLESS STEEL)



BioGenix offer Dynamic Pass-Box used in Pharmaceuticals to transfer Material and helps to maintain class between to area. It is a between to different area.

The pass box hinders the flow of air from one area to another during the transfer of material. Dynamic pass box contains a UV light, that determines the closing and opening of doors. When the UV light is ON that means door is closed otherwise when it is OFF then the door is open.

Basic Features

- Dynamic Pass Box Design acc. to GMP-Guideline easy to clean and to disinfect
- Doubled Skin Cabinet with Doors and Toughed Glass
- Cabinet Fabricated in SS 304/316 Structure
- Re-Circulated Filtration System
- Electro Magnetic interlocking System
- HEPA filter H14 filter for supply air and exhaust air
- EU-6 Grade Pre-Filter With SS 304 Flange
- Air velocity: 0.45 ± 0.05 mps (90 ± 20 FPM) Below Six Inch of Grill
- Magnehelic Differential pressure gauge
- Centrifugal type Air blower with Speed Variable
- Measuring system for pressure differential and volume flow or air velocity (If Required)
- Pre-Installed White and UV Germicidal Light
- Feather Touch controller for Blower/Light/Pressure Display
- DOP Port/Atmospheric Nozzles
- Sound Level Minimum 65db On Scale
- Power Supply Single Phase 220V 50 Hz

Dynamic Pass Box Functioning

- The doors have a glass viewing window so that the material kept for transfer can be seen.
- Both the doors are electrically interlocked type, hence it only allows one door to be opened at a time.
- It restricts the direct air flow between the cleanroom to the other room.
- It helps in fulfilling the aim of transferring the material without compromising the level of cleanliness in the cleanroom.
- The Dynamic Pass Box acts as a pressure chamber and it only allows clean air to enter the clear room while maintaining the cleanliness level of a cleanroom.

Technical Specifications:

Model	BS-DPB222
Design type	Dynamic
Cleanliness level	Class 100
MOC	Stainless steel 304
Illumination	LED tube light
Air system	Motor-blower with suspension arrangement
Filters	<ul style="list-style-type: none">•Pre filter (95% down to 5 micron)•HEPA filter (99.97%), Protected by SS grills
Door	<ul style="list-style-type: none">•Two side doors, Glass window•SS handles & SS hinges, Electromagnetic Interlocking system
Standard Fittings	<ul style="list-style-type: none">•UV light, Light indicators for door•SS Handles & SS hinges, On / Off Switch for blower
Power supply	220 Volts / 50 Hz
Optional	<ul style="list-style-type: none">•MOC SS 316 / 316 L, Differential Pressure Gauge•DOP Test Port, Flange, Test certificates, Calibration certificate•Mechanical door interlocking, Door buzzer, UV light hour meter

Order Information:

MODEL	INNER SIZE	OUTER SIZE	NO. OF UV LIGHT
BS-DPB-1F	300 X 300 X 300 MM	450 X 450 X 450 MM	1 NO.
BS-DPB-1.5F	450 X 450 X 450 MM	600 X 600 X 600 MM	2 NO.
BS-DPB-2F	600 X 600 X 600 MM	750 X 750 X 750 MM	2 NO.
BS-DPB-2.5F	750 X 750 X 750 MM	900 X 900 X 900 MM	3 NO.
BS-DPB-3F	900 X 900 X 900 MM	1050 X 1050 X 1050 MM	3 NO.



BIOGENIX SYSTEMS PRIVATE LIMITED

S-10, Pankaj Central Plaza, Pocket-5, Plot no-5,
Sector-12, Dwarka, New Delhi-110075, INDIA
Email: sales@biogenixsystems.com | Phone: +91-
11-43738899 | 9990251155-99 | 9911717057
Website: www.biogenixsystems.com

www.biogenixsystems.com
info@biogenixsystems.com