

DYNAMIC PASS BOX SYSTEM

*Ensuring Efficient
& Contamination-Free
Material Transfer*



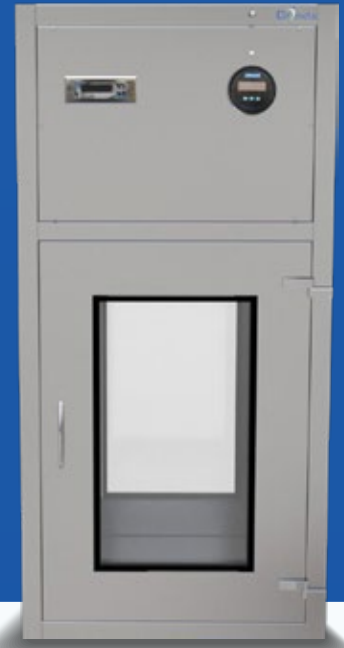
▶ INTRODUCTION

Brinda Pharma Technologies is pleased to introduce the Dynamic Pass Box, an advanced system designed to revolutionize the safe and efficient transfer of materials within controlled environments. This cutting-edge solution incorporates state-of-the-art technology and a range of exceptional features, guaranteeing top-tier performance and unwavering reliability.

When it comes to optimizing material transfer efficiency and safety, trust in Brinda Pharma Technologies to provide the ultimate solution.

▶ BASIC PRINCIPLE

The Dynamic Pass Box is a controlled access system that prevents contamination. It acts as a secure barrier between two clean rooms, allowing material transfer where the grade between two rooms are different. It has HEPA Purification system, interlocking doors and UV disinfection. A user opens one side, places the material inside, and closes the door. The contaminated air is cleaned using HEPA Filter after a settable time, the user on the other side is signalled to retrieve the material. The interlocking system ensures one side is locked when the other is open, reducing contamination risks. Safety features like door-open alarms enhance the controlled environment. Dynamic Pass Box ensures clean and safe material transfer.



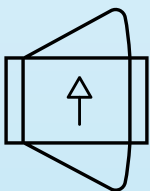
▶ TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION		
MATERIAL OF CONSTRUCTION	Stainless Steel 304 or 316L		
DIMENSIONS	Standard & Customized Sizes		
UV DISINFECTION (OPTIONAL)	UV light with and hour Meter		
DOOR	Sandwich Type Door with Double Glazed Tempered Glass with Door Drop Seal (Optional)		
DOOR LOCKING	Mechanical or Electrically Interlock Doors		
FILTRATION SYSTEM	HEPA Filter (99.999% Efficiency) with washable Pre-Filter combination		
NOISE LEVEL	<85 dB		
LIGHTING	LED Lights		
PRESSURE MONITORING	Megnahelic Or Digital Differential Pressure Gauge Pressure High – Low Alarm Feature (Optional)		
BLOWER	Statically & Dynamically Balanced Blower EC Blower (Optional)		
CONTROL SYSTEM	Microprocessor Based control system with control display or HMI (Optional)		
ALARM SYSTEM	Audio – Visual Alarms		
FIRE RATING	Complete/Partial Flame Proof System (Optional)		
CHAMBER MATERIAL MOVEMENT	Normal/Guide Rail or Trolley (Optional)		
POWER SUPPLY	415-420 VAC 50 Hz	220-240 VAC 50 Hz	110-130 VAC 50/60 Hz

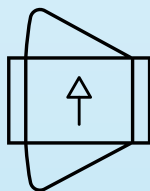
MODELS

TYPE	DIMENSION						IDEAL FOR	MODEL
	INTERNAL			EXTERNAL				
	Width	Depth	Height	Width	Depth	Height		
WALL MOUNTED	450 mm 1.4'	450 mm 1.4'	450 mm 1.4'	610 mm 2.0'	520 mm 1.7'	1050 mm 2.1'	Small Box	DPB-WM-450SS
	500 mm 1.6'	500 mm 1.6'	500 mm 1.6'	660 mm 2.2'	570 mm 1.9'	1100 mm 2.3'	Small - Medium Box	DPB-WM-500SS
	600 mm 1.9'	600 mm 1.9'	600 mm 1.9'	760 mm 2.5'	670 mm 2.2'	1200 mm 2.7'	Medium Box	DPB-WM-600SS
	750 mm 2.4'	750 mm 2.4'	750 mm 2.4'	910 mm 3.0'	820 mm 2.7'	1350 mm 3.1'	Medium - Large Box	DPB-WM-750SS
FLOOR MOUNTED	750 mm 2.9'	750 mm 2.9'	1000 mm 2.9'	910 mm 3.5'	820 mm 3.2'	1600 mm 3.5'	Large Box or Drum 25-50 Ltr	DPB-FM-750SS
	900 mm 3.2'	900 mm 3.2'	1200 mm 3.2'	1060 mm 3.8'	970 mm 3.5'	1800 mm 3.8'	Large Box or Drum 25-50 Ltr	DPB-FM-900SS
	1200 mm 3.9'	1200 mm 3.9'	1200 mm 3.9'	1360 mm 4.5'	1270 mm 4.2'	1800 mm 4.5'	Small Pallet or 100 Ltr Barrel	DPB-FM-1200SS
	1500 mm 4.9'	1500 mm 4.9'	1500 mm 4.9'	1660 mm 5.4'	1570 mm 5.2'	2100 mm 5.5'	Euro Pallet or 500 Ltr Barrel	DPB-FM-1500SS

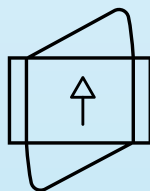
DOOR DIRECTION OPTIONS



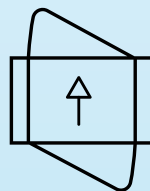
DOOR A



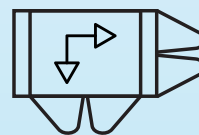
DOOR B



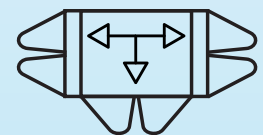
DOOR C



DOOR D

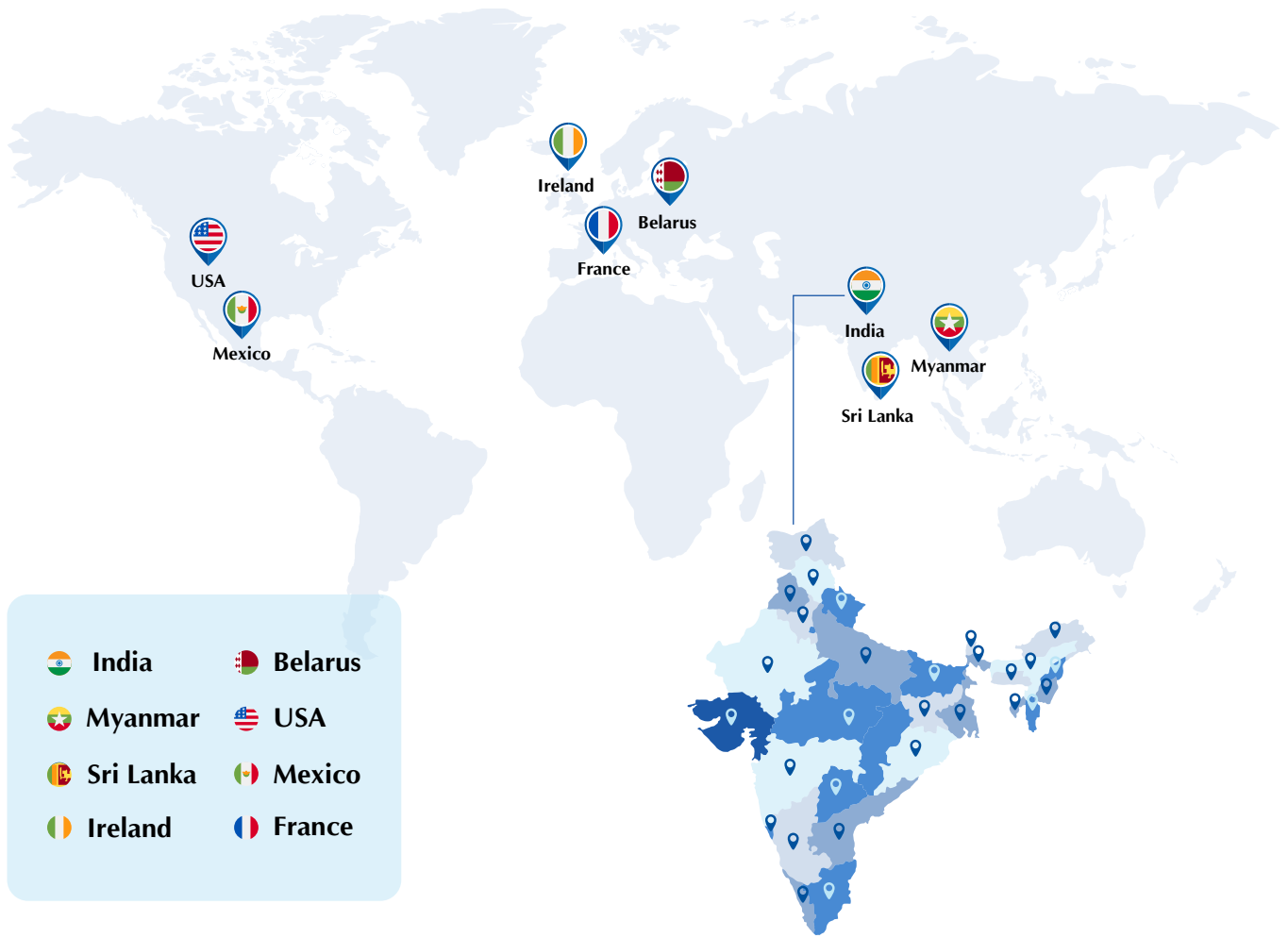


L TYPE



3 DOOR

GLOBAL PRESENCE



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