

PASS BOX DYNAMIC



Krew Instrument's is proud to offer the **Pass Box Dynamic**, an advanced solution for transferring materials between cleanrooms with different air pressures. Our pass box features a dynamic pressure control system that adjusts the air pressure between the two compartments, ensuring a smooth and contamination-free transfer of materials. With an ergonomic design and easy-to-use interface, our Pass Box Dynamic provides a safe and efficient method for transferring materials in a variety of laboratory settings. Trust Krew Instruments for reliable, high-quality laboratory equipment that meets or exceeds industry standards.

KEY 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

SPECIAL FEATURES

- Easy to clean
- Easy to integrate
- Advanced air tightness
- Interlocking System
- Heavy duty body
- UVlight

OPTIONAL FEATURES

- It is a rectangular compartment and it has two doors at its extreme.
- The doors have a glass viewing window so that the material kept for transfer can be seen.
- One door opens in the cleanroom and the other one opens in the other room.
- 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 also reduces the need for opening the cleanroom door frequently for transferring the material.
- It helps in fulfilling the aim of transferring the material without compromising the level of cleanliness in the cleanroom.
- The Dynamic Pass Box is specially designed Pass Box, that is fitted with HEPA Filter.
- 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.

FUNCTIONING

Digital Pressure Gauge with Alarm Hour Meter

APPLICATIONS

- Medical implant
- Medical devices
- Educational institution
- Vaccine manufacturers
- Pharmaceutical industry
- Electronic industry
- Food processing industry
- Chemical research laboratories
- Semiconductor production



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