

Dynamic pass box



Transfers materials safely between cleanrooms and controlled environments while minimizing contamination risks, with HEPA H14 dynamic airflow.

Key features

Dynamic airflow system

- Continuous positive-pressure clean airflow inside the chamber
- Prevents entry of contaminated air during transfer operations
- Maintains cleanroom integrity between different areas

HEPA H14 filtration

- High-efficiency HEPA H14 filter
- Removes 99.995% of airborne particles $\geq 0.3 \mu\text{m}$
- Provides ultra-clean airflow for contamination-sensitive environments

Durable construction

- Internal chamber made of high-quality stainless steel
- External body coated with electrostatic powder paint
- Resistant to corrosion, chemicals, and continuous industrial use

Automatic interlock system

- Prevents simultaneous opening of both doors
- Minimizes cross-contamination risks
- Enhances operational safety and cleanroom protection

Digital monitoring system



- LED display for airflow and filter status monitoring
- Easy operation and continuous performance observation

Easy maintenance

- Accessible service panels for quick filter replacement
- Smooth internal surfaces for simple cleaning and sterilization

Applications

- Pharmaceutical manufacturing facilities
- Biological and medical laboratories
- Cleanroom and sterile production environments
- Microelectronics and semiconductor industries
- Biotechnology laboratories
- Food and beverage industries

LabX Tech statement

At LabX Tech, we provide reliable cleanroom transfer systems designed for operational simplicity, durability, and contamination control, supporting safe material movement across laboratory and industrial clean environments.

Models and specifications

Model	Internal size (W×D×H) (cm)	External size (W×D×H) (cm)	Filter type	Airflow system	Door system	Power supply
DBX-60	60 × 60 × 60	70 × 70 × 90	HEPA H14	Dynamic positive flow	—	220V, 50/60 Hz
DBX-90	90 × 60 × 60	100 × 70 × 90	HEPA H14	Dynamic positive flow	—	220V, 50/60 Hz
DBX-120	120 × 60 × 60	130 × 70 × 90	HEPA H14	Dynamic positive flow	—	220V, 50/60 Hz

Warranty

One-year comprehensive warranty on all devices · Two-year warranty against manufacturing defects · Maintenance contract after the warranty period