Mechanical Interlock Pass Box, 800 mm Cube Chamber, UV Lamp, Clean Room Transfer Hatch 220 V

Model **MSPB-800MSWISS** | Brand **Master Science**





The Master Science Mechanical Interlock Pass Box uses a simple mechanical latch system to keep its two doors from opening together. With no electronic lock to fail, it is a sturdy choice for moving goods between a clean room and a corridor, or between two rooms of different grades.

KEY HIGHLIGHTS

- Simple and robust
- Large transfer space
- Helps keep items clean
- Flexible build

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Overview

Its 800 × 800 × 800 mm chamber accepts bulky boxes and trays. A UV sterilization lamp inside helps disinfect items while they wait to be collected. Like the electronic version, it can be built as an air shower pass box or customized to suit the wall opening.

Prefer an electronically controlled lock? Compare the Master Science Mechanical Interlock Pass Box with our electronic interlock pass box of the same size.

Uncontrolled door opening is one of the main routes for contamination. The Master Science Mechanical Interlock Pass Box addresses:

Key Benefits

Simple and robust
The Master Science Mechanical Interlock Pass Box relies on a mechanical interlock with no electronic lock to maintain.

Large transfer space
An 800 mm cube chamber handles bulky items.

Helps keep items clean
The UV lamp disinfects surfaces during transfer.

Flexible build
Air shower and custom versions can be supplied.

Technical Specifications

GENERAL

Brand	Master Science
Model Number	MSPB-800MSWISS
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Interlock mode	Mechanical interlock
Sterilization	UV sterilization lamp
Electricity	220 V, 50/60 Hz
Customization	Available, including air shower pass box version
Lock failures from power cuts	A mechanical interlock does not depend on electrical control.

DIMENSIONS & WEIGHT

Internal dimensions (W×D×H)	800 × 800 × 800 mm
External dimensions (W×D×H)	985 × 880 × 920 mm

PROBLEMS THE MASTER SCIENCE MECHANICAL INTERLOCK PASS BOX SOLVES

Doors opened at the same time	The mechanical interlock blocks the second door.
Large items forced through the main door	The 800 mm chamber takes bulky goods.
Microbes carried on surfaces	UV light helps reduce contamination on the load.

Applications

The Master Science Mechanical Interlock Pass Box is used for material transfer in: GMP pharmaceutical facilities Electronics clean rooms Hospital and laboratory sterile zones Food and beverage clean production Cosmetics manufacturing

Airlock function

- Mechanical door-to-door interlock
- Only one door can be open at a time

Chamber and sterilization

- Internal size 800 × 800 × 800 mm
- External size 985 × 880 × 920 mm
- UV sterilization lamp

Options

- Air shower (clean) pass box version
- Custom sizes and configurations

Standard Accessories Included

- Pass box with mechanical interlock
- UV sterilization lamp

Optional Accessories

- Air shower function (clean pass box version)