Electronic Interlock Pass Box, 800 × 800 × 800 mm Chamber, UV Sterilization Lamp, 220 V

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





The Master Science Electronic Interlock Pass Box gives clean rooms a larger transfer chamber, 800 mm in every direction, for boxes, trays and equipment that will not fit through a standard hatch. Items go in on one side and come out on the other without anyone opening the clean room door.

KEY HIGHLIGHTS

- Room for bulky items
- Reliable airlock
- UV disinfection
- Can be upgraded

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

support@themsci.com
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Overview

Both doors use an electronic interlock, so the second door stays locked until the first is closed. A UV sterilization lamp inside helps disinfect the load. If you need goods blown clean as well, this pass box can be built as an air shower pass box, and other customizations are possible.

For smaller transfers, see our clean room pass box with 600 mm chamber, a compact partner to the Master Science Electronic Interlock Pass Box.

Moving larger items into a clean room often means opening the main door. The Master Science Electronic Interlock Pass Box avoids that and helps with:

Key Benefits

Room for bulky items
The 800 mm chamber of the Master Science Electronic Interlock Pass Box takes larger loads than compact hatches.

Reliable airlock
Electronic interlock prevents both doors opening together.

UV disinfection
A built-in UV lamp helps sterilize items between zones.

Can be upgraded
Order it as an air shower pass box when goods need dust removal.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSPB-800ESWISS
SKU	MSPB-800ESWISS
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Model	MSPB-800ESWISS
SKU	MSPB-800ESWISS
Interlock mode	Electronic interlock
Sterilization	UV sterilization lamp
Electricity	220 V, 50/60 Hz
Customization	Available, including air shower pass box version

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

TRANSFER PROBLEMS THE MASTER SCIENCE ELECTRONIC INTERLOCK PASS BOX SOLVES	
Oversized items	The 800 mm chamber handles bulky loads.
Door left open on both sides	Electronic interlock stops simultaneous opening.
Microbial load on surfaces	UV light helps disinfect items during transfer.
Contamination of the clean side	The airlock keeps the two zones apart.

Applications

The Master Science Electronic Interlock Pass Box is suitable for moving materials in: Pharmaceutical and biotech clean rooms Electronics and semiconductor production Hospital sterile areas Food and cosmetics clean production Research labs with controlled zones

Transfer chamber

- Internal size 800 × 800 × 800 mm
- External size 985 × 880 × 920 mm

Control

- Electronic door-to-door interlock
- UV sterilization lamp
- 220 V, 50/60 Hz supply

Options

- Air shower (clean) pass box version that blows dust off goods
- Other custom configurations on request

Standard Accessories Included

- Pass box with electronic interlock
- UV sterilization lamp

Optional Accessories

- Air shower function (clean pass box version)