

CLEANROOM PASS BOX

PB-SERIES



Pass Boxes (also known as Transfer Hatches) are specialized equipment installed in the separating wall between a cleanroom and the external environment, or between clean environments of different classes.

They serve as an airlock for transporting items in and out of cleanrooms, minimizing cross contamination of the environments by only allowing one door to be open at any time.

PB-Series pass boxes are available in both Mechanical or Electromagnetic interlocking variants, and can be constructed from either Powder-coated Steel, or Stainless Steel

APPLICATIONS

- + Production cleanrooms
- + Pharmaceutical cleanrooms
- + Hospitals
- + Drug testing facilities
- + QC and inspection rooms

SPECIFICATIONS

Model

PB-E (Electromagnetic Interlock)
PB-M (Mechanical Interlock)

Body Material

Powder-coated Steel Panel
Powder-coated Steel w/ SS interior lining
Full Stainless Steel 304 / 316

Viewing Glass

4mm Float Glass (safety film option available)
4mm Tempered Glass (min. glass size 350x350mm)

Mounting

Wall penetration mount
(support brackets required for thin walls)
Floor-standing

FEATURES

- + Electromagnetic or Mechanical interlocking system
- + EPDM gasket minimizes air leakage
- + Fully customizable sizing
- + Glass viewing window
- + Can be installed in any type of cleanroom wall

Input Voltage (EM Lock variant only)

110 - 220VAC, 50-60Hz

Power Consumption (EM Lock variant only)

<35W



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