

DYNAMIC & STATIC CLEANROOM PASS BOX



Model: VSLIC-E114

Pass Box is a closed steel box with a double door used for transferring the material from the nonsterile door to a sterile door inside the cleanroom. Scientist uses Air showers to pass through into the cleanroom where material uses pass boxes to get into the cleanroom. Pass through Box is cleanroom equipment designed in two categories one is a static pass box and the other is a dynamic pass box. Pass boxes provide a controlled environment to the cleanroom from airborne cross-contamination for a better research environment.

Airborne particles on the material may affect the research of a company so we always recommend Vertex pass box to all our pharmaceutical clients. We are a manufacturing CE certified Pass-through box in India with high-quality steel & suitable class Hepa filters and pre-filters. We believe in new designs, quality & great after-sales support to all clients with a year warranty and ten years of spare parts availability.

Applications:

- Pharmaceutical Industries
- Food Processing Industry
- Semiconductor Industry
- Chemical Laboratories
- Electronics Industry

Features:

- ISO/CE certified
- Interlocking system



- UV light with Timer
- Magnehelic
- gauge
- Low noise less than 60db
- SS construction for chemical and rustproof
- Buzzer indication for material transfers
- The magnetic locking system on doors

VERTEX Scientific designs different categories of **pass box-like dynamic and static**. Choose your model according to your requirements and user specification.

Dynamic Pass Box:

We design **Dynamic Pass Box** equipment in complete Stainless steel 304 with an interlocking system, UV light, Illumination light, Fan Motor, 0.3 microns HEPA filter & pre-filters. Hepa Filters are suction filters made as per European standards to prevent any kind of cross-contamination. The interlocking system will give the advantage of opening one door at a time during the pass-through of material. Class 100 & Class 1 cleanroom users always prefer a dynamic pass box instead of a static pass box.

Static Pass Box:

Static pass box is a passive pass box designed with UV light, interlocking system, magnetic door locking & buzzer alarm; it has no HEPA filters and Fans for passing through of material.

We are a renowned Manufacturer & supplier of ISO & CE certified Pass box worldwide at the best price with great after-sales support and ten years of spare parts availability. Our all products come with one year warranty and user-friendly operations and maintenance. We design pass boxes in many different sizes from the basic model of 2 ft x 2 ft x 2 ft to a large model of 8 ft x 5 ft x 5 ft. We never hesitate in customization so send your all queries of any size to our mail id.

Pass Box Dimensions Matrix

| External Dimensions (W×H×D) (mm) | Working Area (W×H×D) (mm) |
|-------------------------------------|------------------------------|
| 690×590×500 | 500×500×500 |
| 690×590×600 | 500×500×600 |
| 790×690×600 | 600×600×600 |
| 790×690×700 | 600×600×700 |
| 890×790×700 | 700×700×700. |



TECHNICAL SPECIFICATIONS

| Model | VSLIC 114/ VSLIC 114-1/ VSLIC 114-2 | VSLIC- 114-3/ VSLIC 114-4/ VSLIC 114-5 |
|--------------------|--|---|
| Design type | Dynamic | Static |
| Cleanliness level | Class 100 | Passive |
| Internal Dimension | 2 x 2 x 2 Ft. | 2 x 2 x 2 Ft. |
| | 3 x 3 x 3 Ft. | 3 x 3 x 3 Ft. |
| | 4 x 3 x 3 Ft. | 4 x 3 x 3 Ft. |
| Construction | SS 304 | SS 304 |
| Illumination | Philips LED | Philips LED |
| Air system | MS Blower | Not Applicable |
| Filters | The HEPA filter (99.97%)0.3 microns-filters (95% down to 5 microns) | Not Applicable |
| Door | Interlocking Doors with Glass view Window | Interlocking Doors with Glass view Window |
| Standard Fittings | Light indicators for door Handles & hinges UV light | Light indicators for door |
| | | SS Handles & hinges |
| | | UV light |
| Power supply | 220 V +/- 10% , 50/60 Hz | 220 V +/- 10% , 50/60 Hz |

