

YORLAB[®] PASS BOX Model No.: YSL / YSI-207

Specifications:

- Pass box is an equipment used normally for transfer of material from & into the clean room without contaminating the clean room air & without opening room door. The two opposite doors are interlocked & only one door can be opened at a time.
- Fluorescent light is automatically put ON at the time of opening any one of the doors.
- The doors have glass window for viewing the material kept there in.

Principle of Working:

- The Pass Box has two doors. One door opens in the Clean Room and other door opens in the other room. These doors are electrically interlocked so that any one door can be opened at a time.
- This avoids direct flow of air from the clean room to the other room or vice versa.
- This also obviates the need to open the Clean Room door frequently for transferring of material from & into the clean room. Thus, it helps in achieving the aim of material transfer without disturbing the cleanliness level of the clean room. High quality magnetic electric inter locks & sensors are used.

Construction:

- Each hinged door has wide glass viewing window, through which material kept in the pass box can be seen. Fluorescent light automatically comes when any door is opened and goes off when closed.
- Size: 24" (w) x 24" (h) x 24" (D). Other sizes on request.



- Fully Stainless Steel option as shown is available in these models.

- UV light is optional and is also interlocked with doors.
- It is automatically switched on only when both doors are closed. Buzzer button is provided on both sides
- Power Supply: 220V, Single Phase, 50 Cycles A.C.
- Size: 24" (W) x 24" (H) x 24" (D). Other sizes on request.

YORLAB[®] PASS BOX WITH HEPA FILTER Model No.: YSL / YSI-208

Specifications:

-Class 100 Filtered Air Material Transfer Windows

- It is specially designed equipment where in a HEPA filter has been provided & the motor blower unit is automatically put ON at the time of opening any of the doors. It thus act as a pressure chamber. Only clean air can enter the clean room through pass box. The clean room air is thus not contaminated by the air of pass box or with Air from the other side. Fluorescent light is provided for visibility of item kept in the pass box & it is ON at the time of opening any of the door for taking out or putting in the material in the pass box.
- UV light can be optionally provided which will be put ON only on closing the door i.e. UV light will be permanently ON for sterilizing the material kept in the pass box & it will be off at time of opening the door, so that human eye is not effected by UV light. Buzzer Switches are provided on both doors to signal for



material insertion/ removal.

- Power Requirement: 220V, 1 ph, 50 Hz AC supply.
- Size: 24" (W) x 24" (H) x 24" (D). Other sizes on request.