

## Static Pass Box



**Static Pass box** is one of the cleanroom system or equipment, which is used to transfer the material from one side to other side through a controlled environment in order to avoid airborne cross contamination as well as pressure imbalance between two sides. During material transfer, the pass box prevents air from flowing from one location to another. As the name states itself, the primary and only work of a static pass box is to pass material from one side to other without raising contamination concern. Door Interlocking Mechanism is the prime feature of a static pass box, when door at one side is open the door at other side remains closed.

Static pass box is fitted only between two clean room areas having same grade or class and has no air supply or extract. It is also known as passive pass box and equipped with UV light. It is popular with other names such as cleanroom pass through box, hatch box, transfer hatch, clean transfer window and transfer hatch; in addition, it is widely used in microbiology laboratories in food, pharmaceutical, laboratories, life science, electronics and chemical industries.

**V-Mac Engineers** is a Leading Static Pass Box manufacturer in India. We supply to all over India as well as abroad. Our pass boxes deliver low noise and easy to use operation, rugged construction promises long service life. we make standard and customized pass through boxes to any customer provided size. Every box is made to comply international standards and supplied at industry leading price in India.

## Technical Datasheet for Static Pass Box

TECHNICAL SPECIFICATION				
Model No.	SPB-450	SPB-600	SPB-750	SPB-900
<b>Internal Dimension</b>				
<b>Width</b>	450 mm	600 mm	750 mm	900 mm
<b>Depth</b>	450 mm	600 mm	750 mm	900 mm
<b>Height</b>	450 mm	600 mm	750 mm	900 mm
<b>External Dimension</b>				
<b>Width</b>	570 mm	720 mm	870 mm	1020 mm
<b>Depth</b>	510 mm	660 mm	810 mm	960 mm
<b>Height</b>	640 mm	790 mm	940 mm	1090 mm
<b>Material Thk.</b>	1 mm / 1.2 mm / 1.6 mm			
<b>Material Grade</b>	SS 304 / SS 316 / SS 316L / In Combination			
<b>Construction</b>	Double Skin Body Construction			
<b>Surface Finish</b>	Matte Finish No. 4			
<b>Internal Coving</b>	Pencil Coving in Internal Working Area for Easy Cleaning			
<b>Display</b>	Two Line Digital Display with ON/OFF Buttons with LED Indication			
<b>Controller</b>	Electromagnetic Door Interlocking (Allows to open one door at a time)			
<b>LED Light</b>	Diffused Fluorescent Lighting to provide an intensity of 300 LUX			
<b>UV Light</b>	8W-11W			
<b>Hour Meter</b>	UV Burning Hour Meter (Inbuilt in Controller)			
<b>Alarm System</b>	Door Open / Close Delay Audio Visual Alarm			
<b>System Protection</b>	Password Protected System			
<b>Door Type</b>	SS Sandwich Door with View Panel			
<b>View Panel</b>	Double Side 4 mm Toughened Glass			
<b>Door Handle</b>	SS 304			
<b>Door Hinges</b>	SS 304			
<b>Noise Level</b>	Less than 65 db on scale			
<b>Power Supply</b>	230V ± 10V, 50 Hz, Single Phase (Also Available in 3 Phase)			
<b>Documentation</b>	DQ, IQ and OQ Documents along with all Necessary Test Certificates			

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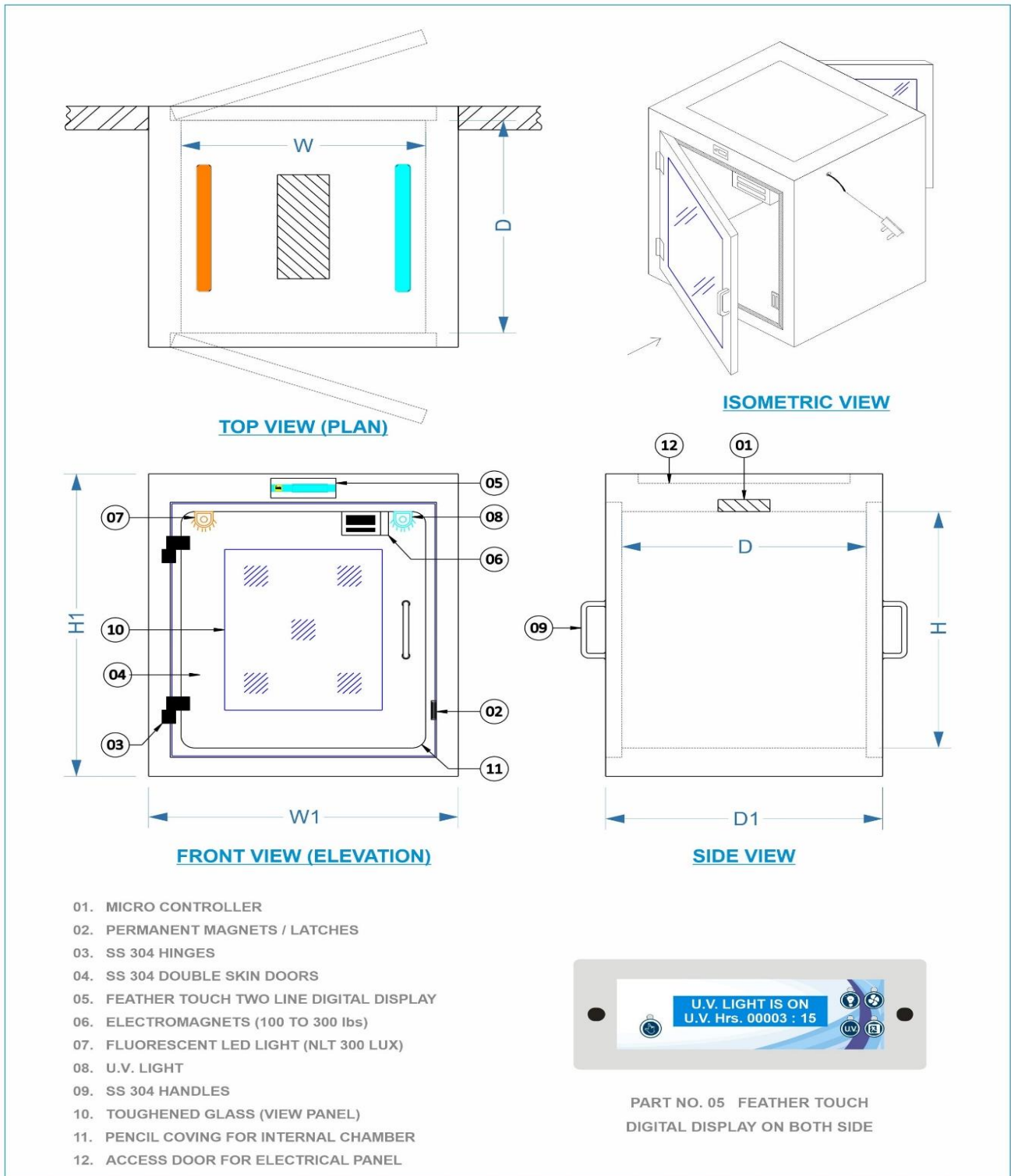
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## General Arrangement Diagram (GA Drawing) for Static Pass Box



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## Warranty and Service Support

We provide 1 year manufacturing warranty from the date of dispatch, We believe in best of the quality and after-sales service support.

## Key Features

<ul style="list-style-type: none"> <li>• Design according to GMP Guidelines</li> <li>• Easy to Clean and to disinfect</li> <li>• ISO 14644-3:2018 Compliance</li> <li>• Electromagnetic Door Interlocking</li> <li>• No Sharp Edges</li> <li>• Pencil Coving for Internal Working Area</li> <li>• Sturdy Built Doubled Skin Body</li> <li>• Advanced airtightness</li> <li>• Easy Integration</li> <li>• Less than 65 dB Sound Level on scale</li> <li>• Minimum Vibration Level</li> </ul>	<ul style="list-style-type: none"> <li>• MOC as SS 304, SS 316 or SS 316L</li> <li>• Feather Touch Display Each Side</li> <li>• Fluorescent Illumination LED Light</li> <li>• UV Light for Disinfection</li> <li>• Process Lock Timer (Inbuilt)</li> <li>• Door Open/Close Delay Alarm (Inbuilt)</li> <li>• UV Hour Meter (Inbuilt)</li> <li>• SS 304 Door Hinges and Door Handles</li> <li>• Double Skin Doors with View Panel</li> <li>• 5 MM Toughened Glass as View Panel</li> <li>• Power Supply 220-240V, Single Phase</li> </ul>
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## Optional Features & Accessories

<ul style="list-style-type: none"> <li>• Flame Proof Design &amp; Construction</li> <li>• Three Way Static Pass Box</li> <li>• L Type Construction</li> </ul>	<ul style="list-style-type: none"> <li>• Digital Differential Pressure Gauge</li> <li>• Extra UV Light and LED Light</li> <li>• Support Stand for Mounting</li> </ul>
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## Mounting Arrangements

- Wall Mounting
- Stand Mounting
- Floor Mounting

## Documentation

- Design Qualification
- Installation Qualification
- Operational Qualification

## Certificates

- M.O.C. Certificate
- Test Certificate for Controller
- Other Required Certificates

## Areas of Application

- Pharmaceutical Industries
- Hospitals and Medial
- Microbiology Laboratories
- Chemical Research Laboratories
- Food Processing Industries
- Electronics Industries

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## Related Search

- Two Way Static Pass Box manufacturer
- Three Way Static Pass Box Manufacturer in Vadodara, Gujarat, India
- L Shape Static Pass Box Manufacturer
- Hatch Box Manufacturer
- Hospital Pass Box Manufacturer
- SS Pass Through Box Manufacturer
- Cleanroom Static Pass Box Manufacturer
- Laboratory Static Pass Box Manufacturer
- Stainless Steel Static Pass Box with High Quality and Service Support
- High Quality Static Pass Box
- Premium Quality Static Pass Box
- Pharmaceutical Static Pass Box
- UV Pass box
- UV Static Pass Box
- SS 304 Static Pass Box with UV Light
- SS 316 Static Pass Box
- SS 316L Static Pass Box
- SS Pass Box
- Stainless Steel Pass Box
- Stainless Steel Static Pass Box
- Passive Pass Box
- Flame Proof Static Pass Box
- FLP Static Pass Box
- Operation Theatre Pass Box
- GMP Static Pass Box

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