

Standard Operating Instructions for PASport Devices



PAS-STL
Stainless Steel Single



PAS1-ACR
Acrylic Single



PAS2-ACR
Acrylic Double



PAS4-ACR
Acrylic Quad

In order to reduce the risk of contaminants entering the room it is important to follow the exact order of connection and disconnection in the instructions below.

1. Obtain the provided PASport inserts from the facility manager.
2. Locate the PASport, remove the magnetized cover and move to a safe place where it will not be damaged. You will now see two valves and a slotted cam in the center of the faceplate. The larger 3/4" valve is the challenge port. The smaller 3/8" valve is the verification port.
3. Ensure that the slot in the CAM located between the two valves in the PASport device is in the locked position (pointed towards the closed lock).
4. Connect the provided 3/4" male insert to the hose from the aerosol generator by sliding the 3/4" ID tubing over the barbed end (the end without the "O" ring). Plug the other end of the insert (the end with the O-ring) into the larger valve by pushing it in firmly until you hear/feel it click into place. **Make sure the insert is connected to the equipment before plugging into valves.** This prevents unfiltered air from entering the space.
5. Connect the provided 3/8" male insert to the hose from the photometer by sliding the 3/8" ID tubing over the barbed end (the end without the "O" ring). You may need the included 3/8" - 1/4" hose barb

adapter depending on the photometer tubing diameter. Plug the other end of the insert (the end with the O-ring) into the smaller valve by pushing it in firmly until you hear/feel it click into place. **Make sure the insert is connected to the equipment before plugging into valves.** This prevents unfiltered air from entering the space.

6. Turn on the aerosol generator and set the pressure as you normally would. Set the photometer to read the upstream concentration and allow a moment for the reading to stabilize. Slowly reduce the pressure of the generator until a concentration of between 10 – 15 micrograms per liter is reached. The PASport system works most efficiently in this range and limits impaction and filter loading.
7. Set the photometer for 100% using the upstream sample concentration provided by the previous step. Scan the filter for leaks as per standard requirements.
8. To disconnect your hoses when testing is complete, simply use a medium to large slotted screwdriver to turn the cam to the unlocked position on one side and remove the corresponding insert. Repeat this process on the other side. This releases the inserts and seals the valves at the same time. The valves are designed for continued use so in the event the insert is stiff to remove, a gentle wiggle with the cam in the open or unlocked position should do the trick.
9. Disconnect the inserts from the testing equipment outside the classified area to prevent unwanted trapped aerosol from entering the environment.
10. The validation process is now complete.
11. Return the inserts to the facility manager.