



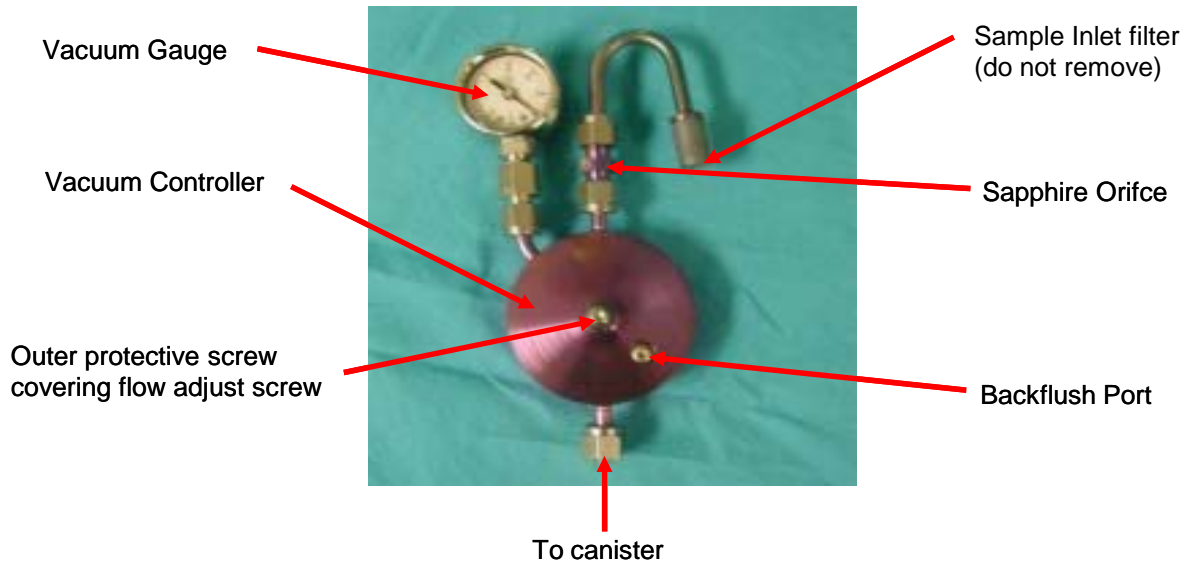
Instructions for sampling using 6-Liter Canister/Passive Sampler

- 1) **Check vacuum integrity before sampling is initiated.** Remove canister from shipping container. Use gauge on passive sampler to check initial vacuum as directed in step 2. **Do not open valve until passive sampler is attached.**
- 2) Make sure valve is closed on SilcoCan or Silinote canister. Remove dust cap from canister using a 9/16" wrench. Attach passive sampler using Swagelock fitting to 6 liter canister keeping valve in the closed position. Tighten fitting 1/8th turn beyond finger tight using a 9/16" wrench. Attempt to rotate the passive sampler about the connection to make sure it is secure and non-leaking (if passive sampler can be rotated then connection is not secure). Open valve handle on canister for approximately 2 seconds and close once a reading has been registered-note the vacuum gauge reading and record value. Vacuum should be greater than 25 inches of mercury. *If vacuum is less than 21 inches of mercury do not use canister for sampling (loss of vacuum may be caused by improper handling during shipping).* It may be necessary to take the difference of the initial reading on the gauge and the final reading to get canister vacuum (gauges on the passive samplers are not precision instruments and a non-zero reading does not mean that sampler is non-functional). The canister/passive sampler combination is now ready for sampling.
- 3) Place canister /sampler combination into environment to be sampled. Open valve on the canister/sampler and note time. **Sampling begins when canister valve is opened.** The sampling period is preset, any filling time less than the preset time will result in incomplete sampling. When sampling period is finished close valve on the canister. **Do not attempt to reset or adjust passive sampler sampling time.**
- 4) Remove passive sampler from canister using a 9/16" wrench and replace canister dust cap. Place canister in a proper shipping container and ship to ALS Environmental for analysis.

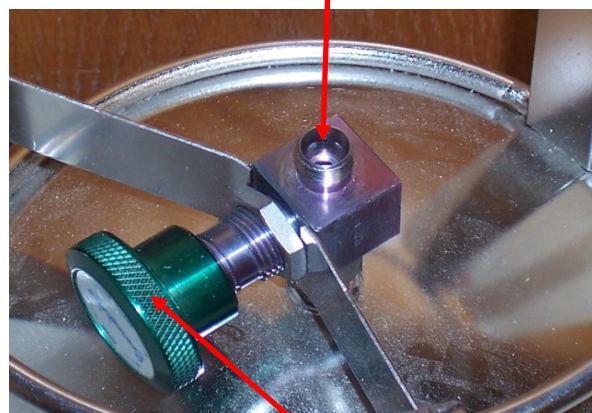
Ship to:

ALS Environmental
960 West LeVoy Drive
Salt Lake City, UT 84123

SAMPLING VALVE INSTRUCTIONS



Remove dust cap and attach sampler here



Turn valve handle to "OPEN" for sampling