




Ambient sampling using restrictor or integrated samplers

Ambient sampling can be done in a variety of ways depending on the length of time sampling is required.

| | Passive using 13ml flow restrictor | Using integrated sampler | |
|-----------------|------------------------------------|--------------------------|--|
| 450ml Canister | 30-40 minutes | 8 hours |  <p>Canister and BottleVac</p> |
| 1400ml Canister | Approx 2 hours | 24 hours | |
| 500ml BottleVac | 30-40 minutes | Not Available |  <p>13ml /min flow restrictor</p> |
| | | |  <p>Integrated sampler</p> |



First check the pressure using the gauge which will 'push click' onto the top of the canister/BottleVac. The gauge should read between -20 and -30.

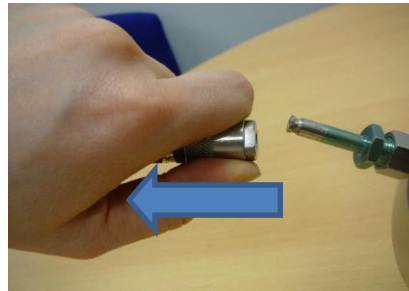
Using Flow Restrictor



Remove the gauge and then 'push click' the restrictor onto the canister or BottleVac. Avoid touching the end near the top. At the end of the sampling period the restrictor is removed and vacuum checked again. This should be between -5 and 0. If it is not, the restrictor can be replaced until the appropriate vacuum is reached.

Using Integrated Sampler

Attach Integrated Sampler to canister



Pull back quick release fitting and fit onto canister.

Warning: Canister will start filling as soon as this is done.



Remove blank nut

Remove flow restrictor or integrated sampler and return EVERYTHING back to the laboratory with a completed Chain of Custody (including PID readings if available)