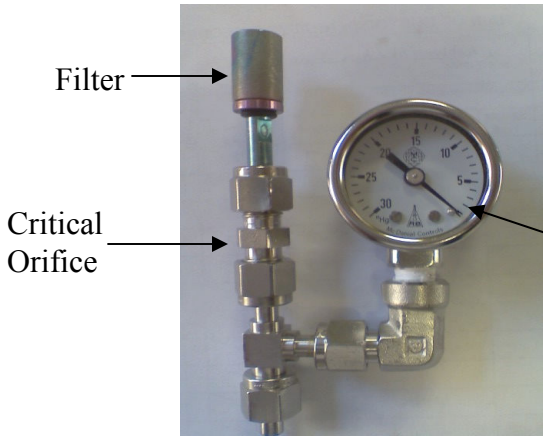


Summa Canister Sampling Procedure

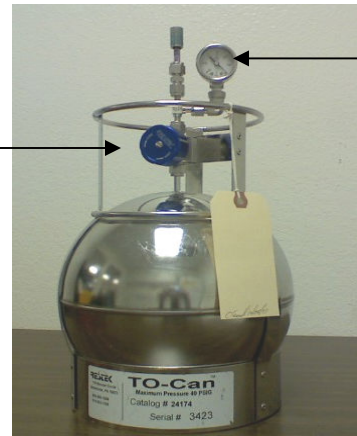


Filter

Critical Orifice

Gauge

Flow Controller



Flow Controller

Valve

Complete Setup

Procedure:

- Position the canister in the predetermined secure location.
- Initiate the sampling event by turning valve on canister counter clockwise until valve does not turn anymore. Please do not move or adjust the valve thereafter until the sampling is complete.
- Check gauge to make sure it reads between -28 and -30.

Note: the gauge will read 0"Hg until the valve is opened

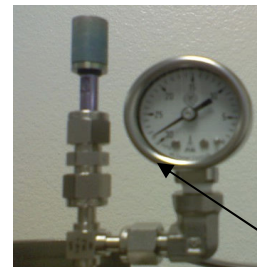
- Record start time, date and initial reading of the gauge on the Tag and COC supplied with can.
- Check the progress of sampling event after 30 – 180 minutes to make sure the canister is sampling properly.

See table 1 for checking sampling status

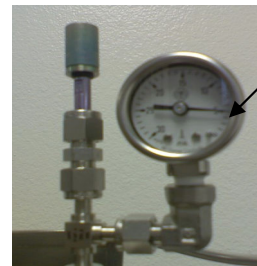
- The sampling event should be stopped when the gauge reads approximately -5" Hg, or after the predetermined time of ___ hrs.

DO NOT LET GAUGE GO COMPLETELY TO ZERO

- To stop the sampling event, turn valve clockwise tightly until it does not turn anymore.
- **Valve should be tighten by hand only**
- Completely fill out Chain of Custody and sign in all of the required areas and return the can to AAC.



Start
-30"Hg



Finish
-5"Hg

Time interval sampling

1.0 hour fill time		4.0 hour fill time		8.0 hour fill time		12.0 hour fill time		24.0 hour fill time	
Time (min)	Approx. Gauge reading	Time (hr)	Approx. Gauge reading	Time (hr)	Approx. Gauge reading	Time (hr)	Approx. Gauge reading	Time (hr)	Approx. Gauge reading
0	28 - 30	0	28 - 30	0	28 - 30	0	28 - 30	0	28 - 30
15	22 - 24	1	22 - 24	1	26 - 28	3	22 - 24	4	22 - 24
30	16 - 18	2	16 - 18	2	23 - 25	6	16 - 18	8	16 - 18
45	10 - 12	3	10 - 12	4	16 - 18	9	10 - 12	12	10 - 12
60	3 - 7	4	3 - 7	8	3 - 7	12	3 - 7	24	3 - 7