

AC'SCENT[®]

Vacuum Chamber



- ☞ Sensible design and easy to use
- ☞ Portable and convenient
- ☞ 23.25 x 20.75 x 7.75"
- ☞ 5.5 x 9" window in lid for viewing
- ☞ Heavy duty, vacuum tight case
- ☞ Accommodates up to 20 liter size bags
-larger 40 liter size case available
- ☞ Integral pump powered by 4 D-size batteries
- no additional sample pump is needed
- ☞ Direct filling of sample bag using negative pressure
- no pump contamination
- ☞ 2 L/min vacuum filling of sample bag
- ☞ Includes: step-by-step instructions
tubing connectors
4 D-size batteries
- ☞ Designed to be used with 1/4"OD, 3/16"ID Teflon tubing
and 1/4"OD, 1/8"ID Silicone tubing.

Ideal for collecting air samples



US\$1,275

For more information on the
**VAC'SCENT[®] Air Sampling
Vacuum Chamber**
or other odor sampling
and testing products,
contact a representative at
1-800-879-9231 ext. 20
or visit
www.fivesenses.com



Set-up

1. With the vacuum chamber open, place the Tedlar sample bag into chamber.
2. Connect the bag to the inside of the Sample Valve (D) with the tubing.
3. Open sample bag valve.
4. Insert 4 D-size batteries.
5. Turn on Pump.
6. Close vacuum chamber - close all four latches.
7. Insert the provided Hose Barb Connector with 1" silicone tubing into the outside of the Sample Valve (D), then connect a sufficient amount of a PTFE (Teflon) Tubing to the 1" silicone tubing (the silicone will act as a coupling between the PTFE Tubing and the hose barb connector). This becomes the Sample Line.

Fill the Bag for Conditioning

8. Connect the Pump Inlet Valve (B) to the Chamber In/Out Valve (C) with the Silicone Tubing Connector Line. This will begin the filling of the bag.
9. The sample will begin collecting through the Sample Line.
10. Fill the bag 1/4 to 1/2 full.

Empty the Bag

11. Disconnect the Silicone Tubing Connector Line from the Pump Inlet Valve (B) and attach it to the Pump Outlet Valve (A). This will pressurize the chamber and deflate the bag through the Sample Line (D), -the tubing connector must be in (D) to open the valve and deflate the bag.
12. Empty the bag completely.

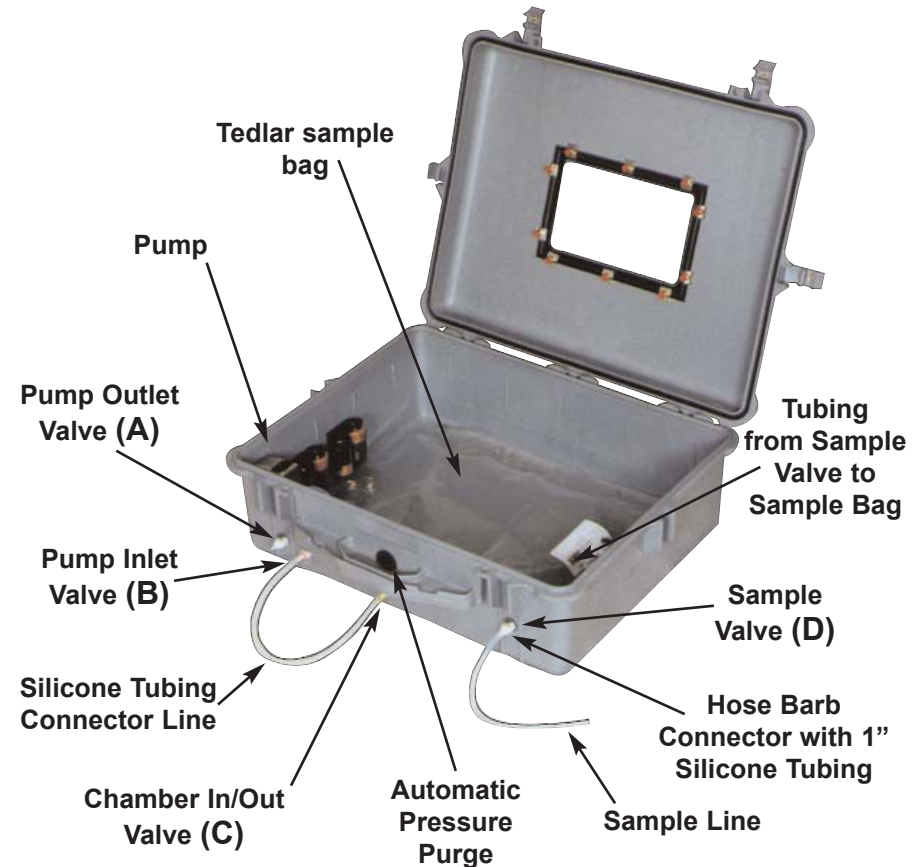
Prime the Sample Line

13. Disconnect the Silicone Tubing Connector Line from the Pump Outlet Valve (A).
14. Disconnect the tubing connector with the Sample Line from the Sample Valve (D) and attach it to the Pump Inlet Valve (B).
15. Wait for a sufficient amount of time (15-30 sec.) for the Sample Line to fill with odor from the sample location [thus, removing non-sample air from the Sample Line].
16. Disconnect the tubing connector with the Sample Line from the Pump Inlet Valve (B) and reattach to the Sample Valve (D).

Collecting a Sample

17. Attach the Silicone Tubing Connector Line to the Pump Inlet Valve (B) -the other end should still be attached to the Chamber In/Out Valve (C).
18. Fill the bag 3/4 full.
19. When the bag is 3/4 full, disconnect the tubing connector with the Sample Line from Sample Valve (D).
20. Due to the negative pressure in side the chamber, it will be difficult to open. To de-pressurize the chamber, disconnect the Silicone Tubing Connector Line from the Pump Inlet Valve (B) and connect to Pump Outlet Valve (A).
*** Be sure that the Sample Line from Sample Valve (D) has been disconnected or you will begin to empty the bag.**
21. Within a few seconds, you will be able to open the chamber.
22. Close the bag valve.
23. Turn the Pump off.
24. Remove the bag from the vacuum chamber.
25. Depending on the quality of the air being sampled, replacement of PTFE and Silicone tubing on the Sample Valve (D) may be necessary between samples.

VAC'SCENT Operating Instructions



If you have any questions, Call: 1-800-879-9231

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