

VC20 VACUUM CHAMBER SAMPLER

Portable Air Sampling Chamber



Our Scentroid Vacuum Chamber is an easy-to-use, portable and cost-effective air sample collection device. Vacuum Chambers are used to pull samples directly without dilution from stack, ambient air, or other sampling devices such as flux chambers or wind tunnels.

Available in multiple sizes to fit bags of up to 20L, 25L, and even 50L, the Scentroid Vacuum Chamber is for soil gas sampling, groundwater testing, stack sampling, hazmat testing, and U.S. EPA Methods 18, 0040, and ventilation studies.

The Vacuum Chamber Sampler (bag sampling chamber) uses a built-in miniature pump to create a vacuum of more than 18" HG inside the sample box. The 12V rechargeable battery is capable of sustaining more than 75 samples with a single charge and can be recharged using a 110/220V outlet or a 12V car outlet.



Built-In Sample Pump

The Scentroid Vacuum Chamber is equipped with a powerful built-in sample pump capable of taking 12 lpm of sample even in negative pressure



Built-In Rechargeable Batteries

The Vacuum Chamber comes with high capacity batteries that can be recharged using wall or automotive power plugs



Long Life

The battery can sustain the sampling pump for more than 12 hours of continuous operation



Multiple Models Available

Need a larger size? The larger models (VC25, VC50) both come with dual pumps for increased flow rate



Viewing Window

Each vacuum chamber casing comes equipped with a large viewing window to see sample bag



LED Lighting

Features built-in LED lights to illuminate the sample bag to ease filling operations



How to Use

Open the vacuum chamber and connect the sample bag to the PTFE tube inside the chamber

Close the chamber and connect the external sample line to the sample collection device, or leave off to sample ambient air

Switch to the sample function to draw in the sample air. Stop when the sample is half full and switch to a purge routine to exhaust all lines

Switch to sample function again and fill the bag with sample air. Turn the unit off and open the case

Close the sample bag valve and remove it from the vacuum chamber sampler

Sampler Applications

- Acquire a sample from ambient air
- Acquire a sample from flux chamber
- Acquire a sample from the static hood
- Acquire a sample from wind tunnel
- Acquire a sample from another source that will not create condensation within the sample bag

Must Utilized Industries:

Food & Beverage; Wastewater Treatment Plant; General Manufacturing; Oil & Gas; Livestock & Agriculture; Landfill & Compost

