

**Passive Air Sampling Kits—Soil Gas**

This unique grab sampler is specifically designed for soil gas sampling by allowing the connection of tubing coming from the soil gas sample port. The innovative design minimizes connections and leaks and houses a critical orifice in the tee fitting. It also incorporates a vacuum gauge and 2 µm frit filter.

Assembled sampler includes:

- Stainless steel tee with orifice.
- 1½" vacuum gauge (-30" Hg to 0" Hg).
- 2 µm frit filter for insertion into ¼" compression sample inlet.
- ¼" port connector to canister valve.

The ¼" compression inlet and outlet allows easy connection to the canister valve and also to the tubing from the sample port. Several orifice sizes provide sampling times from 20 min. to 10 hours on a 6 L canister. Individual replacement parts are available, providing a cost-effective alternative to replacing the entire sampler.



**Assembled kit on canister**

Air sampling canisters sold separately.

Sampling Time		Flow	Orifice Size	Siltek Treated Soil Gas Samper Kit		Stainless Steel Soil Gas Samper Kit	
for 1 L Canister	for 6 L Canister			cat.#	price	cat.#	price
4 min.	20 min.	210 mL/min.	0.0065"	22935		22930	
6 min.	30 min.	150 mL/min.	0.0055"	22936		22931	
10 min.	1 hr.	80 mL/min.	0.0040"	22937		22932	
45 min.	4 hr.	19 mL/min.	0.0020"	22938		22933	
2 hr.	10 hr.	6 mL/min.	0.0014"	22939		22934	

\*Air sampling canisters sold separately. See pages 410-411.

**Replacement Tees w/Orifice for Soil Gas Sampler Kits**

Orifice Size	Siltek Treated Replacement Tee w/Orifice		Stainless Steel Replacement Tee w/Orifice	
	cat.#	price	cat.#	price
0.0065"	22945		22940	
0.0055"	22946		22941	
0.0040"	22947		22942	
0.0020"	22948		22943	
0.0014"	22949		22944	



Use Restek's Electronic Leak Detector for tracer gas detection before soil gas sampling. See page 204.

**Replacement Parts for Soil Gas Sampler Kits**

Description	qty.	cat.#	price
Vacuum Gauge, 1 ½"	ea.	24120	
Replacement Frit Filter, Stainless Steel	3-pk.	24170	
Replacement Frit Filter, Siltek Treated	3-pk.	24171	
Port Connector, ¼", Siltek/Sulfinert Treated	ea.	21549	
Port Connector, ¼", Stainless Steel	2-pk.	21936	
Nut & Ferrule Set, ½", Stainless Steel	5-pk.	21911	
Nut, ¼", Stainless Steel	10-pk.	21902	



**also available**

**VCO® Fittings**

- Use VCO® fittings for rapid assembly to cleaning system.
  - Protect canister valves, flow controllers, and cleaning system fittings.
- See page 322.

