

**FULL SERVICE AIR LABORATORY**

SunStar Laboratories full service air lab has been in place for 10 years and is fully developed with a variety of methods including ASTM, EPA, and NIOSH standards. Our full stock of supplies can handle any size project, from small to large. Our analytical team has been trained and methods have been developed to handle any type of concentration from Parts Per Trillion (pptv) to Parts Per Million (ppmv). So, whether you are looking for trace levels of contaminants for your risk assessment or screening high levels for source area clean up SunStar is committed to the success of our client's projects.

**Ambient Air**

Indoor Air Trace Level Detection

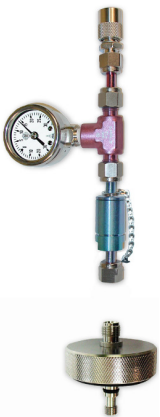


Ultra Slow Flow Sampling

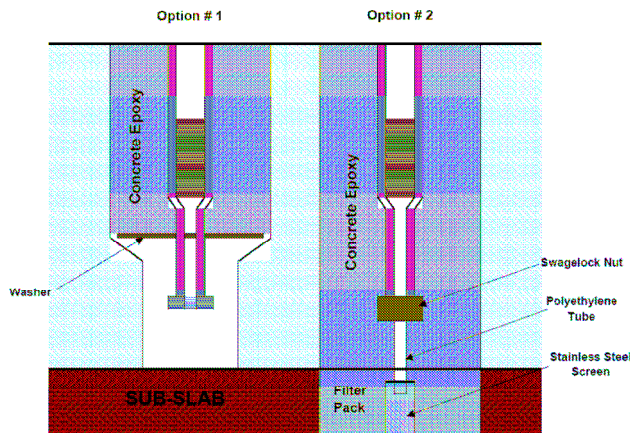


**Sub Slab**

Flow Restricted Sampling

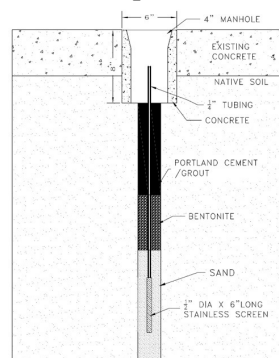


Insert



**Soil Vapor**

Soil Vapor Probes



Soil Vapor Remediation Sampling



Screens



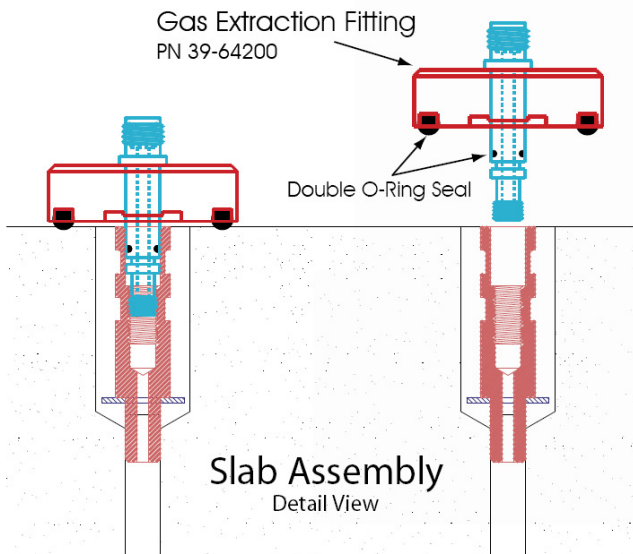
Supplies



To schedule a demo of our air lab capabilities or to get more detailed information please call Tucker Morris at (949) 297-5020.

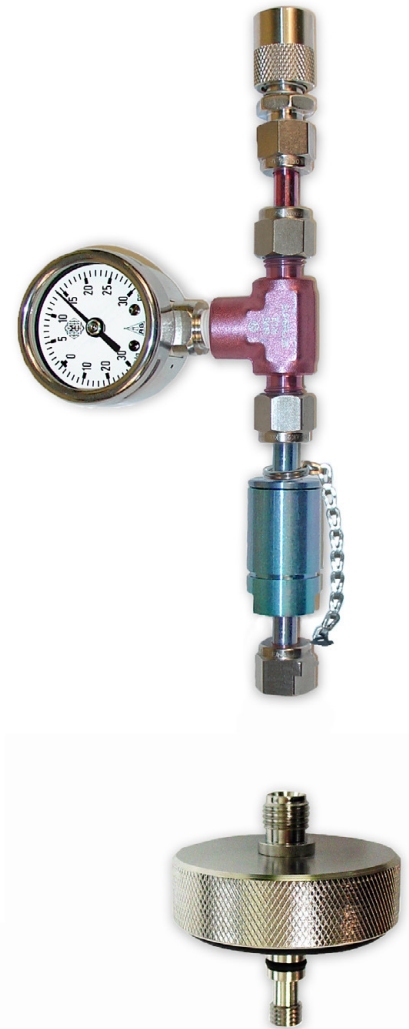
## VAPOR INTRUSION MONITORING SUB-SLAB SAMPLING SYSTEM

Sub-slab vapor monitoring has produced irregular data in the past due to possible leakage around the grouted probe or loose tubing connected to the summa can. Entech's sub-slab probe and gas extraction fitting decreases or eliminates contamination from indoor air by creating a vapor-tight seal at the concrete slab using a secondary face-sealing o-ring. The sampler can also be directly connected to the summa can. A gauge on the sampler shows that the sampler is still under negative pressure during sample collection. To purge the sampler and sampling area a pre-flush canister is attached to the sampler for a set time.



The probe is installed and constructed by:

- Drilling a 3/8" pilot hole through the slab extending in to the soil.
- Next Drill a 1" bore extending ~2" to set the probe.
- Set probe & washer in the bore flush to surface & grout/cement the probe in place.
- Let seal set and vapors equilibrate for ~ 48 hrs



To schedule a demo of this sub-slab sampling system or to order this sampling system for your project, please contact Tucker Morris at (949) 297-5020.

