The world's finest
sampling equipment.

Sub-Slab Gas Vapor Probe Kit

DESCRIPTION:
The Sub-Slab Gas Vapor Probe (GVP) Kit allows the user to sample for volatile organic and inorganic compounds from beneath floor slabs. The kit provides a semi-permanent probe, designed to allow repeated sampling over time in order to assess the potential of contaminated vapor intrusion from beneath buildings.

BENEFITS AND FEATURES:
The AMS Sub-Slab Gas Vapor Probe has been designed to lay flush on the upper surface of the slab as to not interfere with daily use of the area. The probe is sealed with a threaded stainless steel cap which includes a tamper-resistant spanner fitting.

USE:
Prior to drilling holes in a foundation or slab, contact local utility companies to identify and mark utilities coming into the building from the outside (e.g., gas, water, sewer, refrigerant, and electrical lines). Consult with a local electrician and plumber to identify the location of the utilities inside the building.

Prior to fabrication of sub-slab vapor probes, drill a pilot hole to assess the thickness of a slab. Use a small portable vacuum cleaner or shop vac to remove cuttings from the hole.

Using a 2" diameter core bit, bore a hole approximately 3/16" deep. This will allow you to counter sink the top cap so that it is flush with the slab. (Refer to Figure 1).

Set sub-slab unit in hole. Grout the unit in with a quick-drying Portland Cement – which expands upon drying (to ensure a tight seal). Allow cement to cure for at least 24 hours prior to sampling.

Figure 1

Then use a 1" masonry bit to bore through the remainder of the slab until sub-slab is reached. A 3" deep hole in the sub-slab is required so that the entire length of the screen can be exposed to the sub-slab.

Set sub-slab unit in hole. Grout the unit in with a quick-drying Portland Cement – which expands upon drying (to ensure a tight seal). Allow cement to cure for at least 24 hours prior to sampling.

SUB-SLAB GAS VAPOR PROBE KIT
52954  Sub-Slab Gas Vapor Probe Kit

SUB-SLAB GVP KIT ACCESSORIES
56958  Tamper-Resistant Top Cap

SUB-SLAB GVP KIT REPLACEMENT PARTS
52952  Sub-Slab Vapor Shaft Tube
52953  Sub-Slab Rubber Plug
13460  Connector SS-400-7-4
13462  Plug HH-1/4 NPT
13463  Hose-B SS-4-AC-1-4
21008  3" Implant with 1/4in SS Compression
22011  Stainless Steel Ball Adapter
208.63  Spanner Screw Driver