



### Soil Gas Vapor Probe (SGVP)

3212

#### Sample soil vapors and shallow groundwater easily and accurately!

Widely used around pipelines and underground storage tanks (UST's). The SGVP drive tubes are removed, leaving the vapor probe tip imbedded at the desired location and sampling depth. A Teflon® vapor tube running from the tip to the surface makes continuous sampling a quick and easy process. The outside diameter of the vapor probe tip is larger than the diameter of the drive tubes, enabling the probe to be inserted easily. The SGVP tip is machined so that the vapor inlet holes are recessed in the tip. Just above the vapor inlet holes is a machined flange. A dead air space is created with the vapor inlet holes recessed below the flange and just above the base. A Teflon umbrella can be attached to the vapor probe tip just above the flange. The umbrella is then folded and is inserted to the desired depth and the drive tubes are removed causing the Teflon umbrella to unfold. This prevents any dirt from falling in and around the vapor tip and prevents plugging of the vapor inlet holes. The Teflon tube is attached to the SGVP tip by pushing the tube over a barbed tang. The Teflon vapor tube is threaded through the drive tubes and into the drive head which is then attached to the AMS up-and-down hammer attachment or a rotary hammer drill. The retract-a-tip SGVP can be driven into the soil to a pre-determined depth, opened,

and a vapor sample extracted. The tip can then be closed and driven to a greater depth, re-opened, and another sample taken. Tip can be removed from ground and can be decontaminated after sample is taken.

#### Deluxe Vapor Probe System with Retract-A-Tip

Equipped with a unique Retract-A-Tip which may be removed from a test site. Includes the accessories and the instructional video.

Deluxe Vapor Probe System with Retract-A-Tip	145 lbs.	<b>77632</b>
Deluxe Vapor Probe System with Retract-A-Tip; without Hammer Drill	106 lbs.	<b>77448</b>

#### Accessories & Replacement Parts

SGVP Dedicated Tip with expandable Teflon washers	2 oz.	<b>77634</b>
Retract-a-Tip SGVP Point	10 oz.	<b>77647</b>
3' Chrome Molybdenum Extension, 5/8" O.D.	2.5 lbs.	<b>77639</b>
Replacement Stainless Steel Screens	1 oz.	<b>77650</b>



Retract-a-Tip  
SGVP Point  
77647



### Manual Soil Gas Vapor Probe

3214

#### An economical method for sampling soil gas vapor.

This hollow, all-stainless steel probe features a non-removable, hardened stainless alloy tip for good ground penetration, vent holes for gas entry, and a removable liner rod which, when inserted inside the probe for ground penetration, helps prevent soil intrusion into the probe. Threaded for attaching to gas vapor probe extensions and AMS "thread-on" hammer attachment. Complete with cross handle, tile probe base, one 3' tile probe extension, barbed adapter, and adapter for hammer attachment. Hammer attachment and additional extensions are sold separately.

1/2" x 3' Manual Soil Gas Vapor Probe	3.75 lbs.	<b>77568</b>
1/2" x 3' Extension	2 lbs.	<b>77569</b>
Replacement 1/2" Couplings for Manual Soil Gas Vapor Probe	1 oz.	<b>77631</b>
Thread-on Hammer Attachment	10 lbs.	<b>77454</b>

### En Core Discrete VOC Sampler

6833

#### This disposable, volumetric sampling device takes soil samples with minimal handling and maximum accuracy!

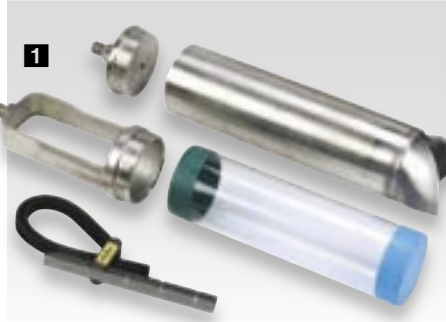
With its patented technology, it is the only sampling device on the market used for collection, storage and transfer of 5 gram or 25 gram VOC soil samples to meet ASTM standard D4547-98, plus it has been accepted by the EPA for sampling VOC's using EPA Method 5035. Ideal for sampling VOC's for tank removal, remediation clean-up, etc., the En Core Sampler is extremely easy to use. Simply attach the re-usable T-Handle to a single-use sampler, lock it in place, and push the sampler into the soil until the coring body is completely full. Then, remove the sampler wiping any excess soil from the coring body and cap it while it is still on the T-Handle. Once capped, remove the sampler from the T-Handle, attach the included circular label from the En Core Sampler bag to the cap on the coring body, return the full En Core Sampler to the zipper bag, seal it, and put the bag on ice for transportation to the lab. There is no need for field preservation using chemicals, and most importantly, the En Core Sampler avoids many sources for lab discrepancies assuring a more consistent and



accurate analyses. The En Core Sampler is effective for storage of soil for up to 48 hours. **Two sampler sizes are available for your sampling needs:** a 5 gram or a 25 gram. T-Handle is sold separately. A 5 gram sampler starter kit is also available and includes 1 T-handle, 12 samplers (5 gram size), and a demo sampler.

5 Gram En Core Sampler	1 oz.	<b>78990</b>
25 Gram En Core Sampler	2 oz.	<b>78991</b>
En Core T-Handle	6 oz.	<b>78992</b>
5 Gram En Core Sampler Starter Kit	1.75 lbs.	<b>78993</b>

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## 1 Soil Recovery Auger Buckets 3110

Dual-purpose augers collect discreet soil samples from various depths in removable inner liners. Recover samples with near zero contamination as required in hazardous waste sampling. Or, remove inner liner and replace solid cap with hollow cap to auger in the traditional manner.

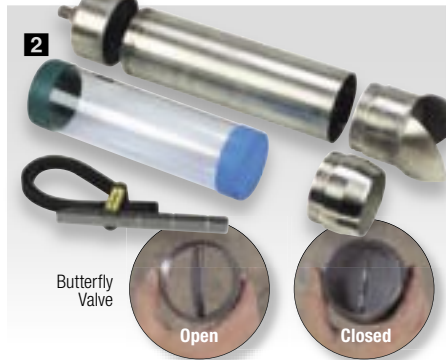
**Kit includes:** plastic liner, liner caps, solid cap, hollow cap, sampler body, and wrench. Thread-on extensions and cross handles required (sold separately). For applications requiring minimal sample contamination, choose all stainless steel. For maximum bit strength, choose stainless steel with carbon steel bits. 3-1/4" Augers use 3" liners, 2-1/4" augers use 2" liners.

### Soil Recovery Kit - Stainless with Carbon Steel Bits

3-1/4" x 10" Thread-On Auger	9.25 lbs.	<b>77469</b>
2-1/4" x 8" Thread-On Auger	6.5 lbs.	<b>77470</b>

### Soil Recovery Sampler Liners & Accessories

2" x 8" Butyrate Plastic Liner	3 oz.	<b>77481</b>
2" Polyethylene Liner Caps, Case of 100	1.25 lbs.	<b>77483</b>
3" x 10" Butyrate Plastic Liner	4 oz.	<b>77477</b>
3" Polyethylene Liner Caps, Case of 100	2 lbs.	<b>77479</b>
Universal Wrench	1.25 lbs.	<b>77882</b>
Teflon Tape, 4" x 100'		
Perforated Roll	1.5 lbs.	<b>76258</b>



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### Soil Recovery Kit - All Stainless Steel

3-1/4" x 10" Thread-On Auger	10 lbs.	<b>77471</b>
2-1/4" x 8" Thread-On Auger	6 lbs.	<b>77472</b>

## 2 AMS Sludge Sampler Kit 3112

Stainless steel sampler is able to take 3" diameter samples and features interchangeable auger and core tips for varying sludge consistencies. Unique butterfly valve helps prevent sample escape, and removable butyrate plastic liner permits discreet sampling, easier sample removal, and simpler decontamination. **Kit includes:** plastic liner, removable solid cap, sampler body, auger tip (which requires cross handle), core tip (which

may require hammer attachment), and wrench. Thread-on extensions, cross handles, and hammer attachment are sold separately. The AMS Sludge Sampler uses 3" x 10" liners and liner caps that are sold separately above.

3-1/4" x 10" Thread-on Sludge Sampler Kit	9.25 lbs.	<b>77567</b>
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## 3 AMS Extendible Split Core Sampler & Split Auger Sampler Kits 3115

Hand-crafted from stainless steel and manufactured to strict tolerances. Split barrels open completely enabling you to easily access samples and may be extended to retrieve continuous core samples using optional 12" barrel extensions and couplers. Optional liners help avoid contamination. Each kit includes two-piece split barrel sampler body, solid cap, stainless steel liner, liner caps, slip wrench, and either a thread-on hardened core tip or auger tip. If sampling sludge, order the optional tip with butterfly valve. Thread-on extensions, hammer attachments, and cross handles sold separately. **Inside diameter: 2". Outside diameter: 2-3/4".**

2" x 12" Split Sampler Kit with Core Tip	9.5 lbs.	<b>77801</b>
2" x 12" Split Sampler Kit with Auger Tip	9.25 lbs.	<b>77817</b>

### Accessories & Replacement Parts

2" x 12" Split Barrel Extension	4.5 lbs.	<b>77809</b>
2" Extension Coupler	5 oz.	<b>77866</b>
Replacement Core Tip	10 oz.	<b>77804</b>
Replacement Auger Tip	11 oz.	<b>77815</b>
Replacement Solid Cap	1 lbs.	<b>77806</b>
Core Tip with Butterfly Valve for Sludge	1 lbs.	<b>77867</b>
Universal Wrench	1.25 lbs.	<b>77882</b>



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## 4 AMS Extendible Core Sampler Kit 3114

Ideal for retrieving continuous core samples, this all stainless steel sampler is easily extended using the optional 12" thread-on barrel extensions. Durable, heat-treated core and auger tips are included and may be interchanged as needed. If you're planning to sample sludge or other flowable material, use the optional core tip with butterfly valve. **Complete kit includes:** 12" stainless steel sampler body, core tip, auger tip, solid cap, stainless steel liner, two polyethylene liner caps, and slip wrench. Optional liners enable you to recover samples with near zero contamination as required in hazardous waste sampling. Appropriate extensions, cross handles, and hammer attachments are sold separately. **Inside diameter: 2". Outside diameter: 2-3/4".**

2" x 12" Extendible Core Sampler Kit	9.5 lbs.	<b>77655</b>
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### Soil Recovery Sampler Components - Auger Bodies & Tips

Solid Cap	1.5 lbs.	<b>77656</b>
12" Sampler Body	4.25 lbs.	<b>77658</b>
12" Extension Section	4 lbs.	<b>77657</b>
Core Tip	10 oz.	<b>77659</b>
Auger Tip	10 oz.	<b>77660</b>
Core Tip with Butterfly Valve for Sludge	14 oz.	<b>77661</b>
Universal Wrench	1.25 lbs.	<b>77882</b>



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## 5 2" x 12" Liners, Caps and Teflon Tape for AMS Extendible Samplers 3113

Avoid contaminating your sample by using these 2" x 12" liners with either of our AMS Core Sampling Kits.

2" x 12" Butyrate Plastic Liner	3.5 oz.	<b>77665</b>
2" x 12" Stainless Steel Liner	1.5 lbs.	<b>77666</b>
2" Polyethylene Liner Caps, Case of 100	1.25 lbs.	<b>77483</b>
Teflon Tape, 4" x 100' Perforated Roll	1.5 lbs.	<b>76258</b>