



# MINI CATALOG

EQUIPPING THE WORLD TO SAMPLE THE EARTH



Photo By: Fairholm Farm, Inc.  
Woodstock, Connecticut

Use promo code: **mini2021** for **15% off** on **ams-samplers.com**

Discount not valid on PowerProbes, direct push tooling (including liners), and drills. One time use coupon only.  
Cannot be combined with other offers and/or discounts. Only applicable to online orders. Other exclusions may apply.

## ONE-PIECE & TWO PIECE STEP PROBE

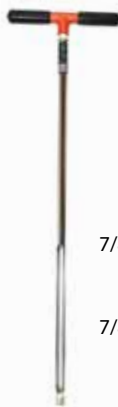


The AMS Step Probe is the fastest and easiest way to take soil samples as deep as 14" from turf, parks, golf courses or yards. Just apply pressure on the probe by stepping down on the fixed step in order to obtain a 7/8" diameter sample.

40" Plated One-Piece Step Probe  
#401.42 | \$85.28

33" Plated Step Probe w/ Handle  
#401.40 | \$97.34

## SOIL PROBE W/HANDLE



Regular soil probes also include a removable, corrosion-resistant 10" cross-handle with comfortable grips. AMS Regular Soil Probes feature a window slot in the cylinder of the probe for easy sample recovery.

7/8" x 33" Plated Soil Probe w/Handle  
#401.01 | \$70.73

7/8" x 21" Plated Soil Probe w/Handle  
#401.02 | \$56.98

## REPLACEABLE TIP SOIL PROBE



The AMS Replaceable Tip Soil Probe is rugged, durable, and economical. It is made of a heavy 4130 alloy steel, chrome plated, and fitted with a removable, heat treated tip for durability and ease of replacement.

1" x 36" Plated Replaceable  
Tip Soil Probe w/Handle  
#425.50 | \$130.02

1" x 36" Plated Rep Tip Probe  
w/24" Window and Handle  
#425.52 | \$147.40

## ONE-PIECE SOIL PROFILER



The AMS Turf Profiler lets you collect a replaceable wedge-shaped soil sample to assess moisture content, root structure, pest presence or chemical composition for your grass, greens and turf.

#427.75 | \$205.63

## ONE-PIECE GATOR PROBE



This one of a kind soil probe offers the benefits of a "Closed End" soil probe, but the hinged jaw quickly transforms the unit into an "Open Ended" soil probe providing easy access to the entire soil core.

#401.45 | \$200.54

## 33" POWDER COATED PROBE W/HANDLE



AMS Regular Soil Probes feature a window slot in the cylinder of the probe for easy sample recovery. These probes are used without a liner and are available in two different lengths (21" or 33"). Regular soil probes also include a removable, Powder Coated 10" cross-handle with comfortable grips.

#401.012 | \$72.50

## 40" POWDER COATED ONE-PIECE STEP PROBE



The AMS Step Probe is the fastest and easiest way to take soil samples as deep as 14" from turf, parks, golf courses or yards. Just apply pressure on the probe by stepping down on the fixed step in order to obtain a 7/8" diameter sample. This probe is completely powder coated which will provide added rust resistance & durability.

**#401.422 | \$87.50**

## COMPACTED SOIL SAMPLER



The AMS Compacted Soil Sampler works great for obtaining "composite" soil samples in hard compacted and frozen soils.

**Compacted Soil Sampler  
#58080 | \$275.00**



**ECHO Drill EDR260 Reversible  
#213.86 | \$606.88**

## MINI SOIL PROBE KITS



Offer you a small compact solution for your soil sampling needs. All of the components in these kits are interchangeable and tips are replaceable.

**AMS Mini Soil Probe Kit Model 1  
#56977 | \$331.66**

**AMS Mini Soil Probe Kit Model 2  
#56978 | \$180.25**

**AMS Mini Spiral Auger Kit Model 3  
#56979 | \$278.10**

**AMS Mini Soil Probe Kit Model 4  
#56976 | \$218.36**

*Model 4 shown*

## EZ EJECT SOIL PROBE



This unique soil probe ejects soil samples quickly & efficiently. Each probe has its own internal piston with side handle. This built-in hand plunger allows you to eject the entire soil sample from the slot and even through the tip of the probe.

**7/8" x 33" EZ Eject Soil Probe  
#401.38 | \$168.30**

**1 1/8" x 33" EZ Eject Soil Probe  
#401.39 | \$205.79**

## 3 1/4" REGULAR FIELD AUGER KIT



Save money with these no fuss, 3 1/4" Soil Auger Field Kits. These soil sampling kits are ideal because of their simplicity.

**3 1/4" Pro Series Field Auger Kit  
#400.143 | \$311.78**

**Signature 3 1/4" Regular Field Auger Kit  
#400.141 | \$252.45**

**QC 3 1/4" Regular Field Auger Kit  
#400.142 | \$301.38**

**3 1/4" Regular Auger Kit  
#400.14 | \$224.13**

## ONE-PIECE REGULAR AUGER



This one-piece regular soil auger is powder-coated (orange) for rust resistance. The auger comes equipped with a 16" rubber-gripped cross handle and has a total length of 53".

**One-Piece 4" Regular Auger  
#400.46 | \$169.44**

**One-Piece 2 3/4" Regular Auger  
#400.48 | \$169.44**

### ONE-PIECE MUD AUGER



The 4" One-Piece Mud Auger is a great alternative to the cumbersome post hole digger of for anyone needing to dig larger diameter holes in wet soils. One-Piece Mud Augers are powder-coated (orange) for rust resistance and come equipped with an 16" rubber-gripped cross handle.

One-Piece 4" Mud Auger  
#400.47 | \$175.20

One-Piece 2 3/4" Mud Auger  
#400.49 | \$175.20

### ONE-PIECE 2 1/2" OPEN-FACE AUGER



The one-piece design of the One-Piece Open-Face Auger is all you need to penetrate to depth in combination soils. The open-face design is useful for quick visual profile of soil sample and for easy soil extraction.

#400.54 | \$221.76

### ONE-PIECE 2 3/4" (7 CM) EDELMAN AUGER COMBINATION SOILS



This one-piece welded construction is capable of augering to a depth of 3ft. This one-piece design is versatile, lightweight and easy to carry. It requires no assembly in the field and works well in a variety of soil conditions.

#400.50 | \$210.43

### SOIL CORE SAMPLER COMPLETE



All of these quality soil core sampling tools allow the user to collect soil core samples into removable liners.

2" x 6" SCS Complete  
#404.05 | \$389.65

2" x 6" SST SCS Complete  
#404.63 | \$461.96

### PIEZOMETER GROUNDWATER SAMPLING KIT



This complete kit includes everything needed to take groundwater measurements and collect samples to a depth of 12ft. below ground surface.

#209.20 | \$2,540.91

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AMS, Inc. | Phone: 800.635.7330 or 208.226.2017

## 15 LB. SST DREDGE



Easily sample most types of bottom surfaces. Constructed from stainless steel and powder-coated carbon steel for corrosion resistance.

**#445.10 | \$483.69**

## 25 LB. SST DREDGE



Easily sample most types of bottom surfaces. The top of the sampling chamber is screened to allow water flow during deployment and reduce the frontal shock wave that may displace sediment as the dredge contacts the sample surface.

**#445.60 | \$662.60**

## EKMAN DREDGE



This is used for sampling benthic communities inhabiting soft bottomed aquatic environments.

**#445.11 | \$560.32**

## EZ KLEEN SOIL PROBE



AMS EZ Klean Soil Probes have been designed facilitate easy soil core extraction. Unlike standard slotted soil probes; the easy clean has a specialized heat treated tip designed to reduce friction as the soil enters the probe body.

7/8" X 33" EZ Klean Soil Probe  
**#401.36 | \$96.20**

1-1/8" X 33" EZ Klean Soil Probe  
**#401.37 | \$133.69**

## SST BAILER



Collect composite samples from 2" wells and boreholes. Feature a tubular stainless steel body with a wire loop bail and flouropolymer check ball on all models except model #2100.36 which is a top fill model.

1 3/4" x 3' Tapered SST Bailer (Bottom Fill)  
**#451.00 | \$156.05**

1 3/4" x 3' Tapered SST Bailer (Top Fill)  
**#2100.39 | \$149.97**

## 1 1/4" X 24" REPLACEABLE TIP SAND PROBE



The AMS Stainless Steel Replaceable Tip Sand/Loose Sediment Soil Probe is ideal for obtaining unconsolidated soil samples in a 1" x 24" poly liner.

1 1/4" x 24" Replaceable Tip Sand Probe  
**#424.37 | \$208.58**

1 1/4" x 36" Replaceable Tip Sand Probe  
**#424.39 | \$254.62**



## SURE-LOCK SOIL PROBE HANDLE KIT

Save your back with the AMS Sure-Lock soil probe handle. Take samples up to 36" deep. Hand-crafted from 1018 steel which has been gold-zinc plated for added rust resistance. The handle height stays at the same level the entire time you're sampling which eliminates back strain. The hand-activated lever allows you to adjust the length of your extension rod. The Sure-Lock system eliminates the possibility of slippage unlike any other foot-pedal operated systems on the market. Choose from three different soil probe models or get them all in the complete sampling kit.

**#426.27 | \$899.00**



## HEX QUICK PIN REPLACEABLE TIP SOIL PROBE

The only AMS soil probe that features the Hex QP connection. Hex Quick Pin (Hex QP) is a hardened steel male/female hex connection that accepts standard 3/8" snapper pins or heat-treated 3/8" U-clips. It is stronger and faster than standard threaded connections. This probe easily connects to any of the variations shown below.

Gas Hammer Option (12" window)  
**#427.32 | \$2,231.00**

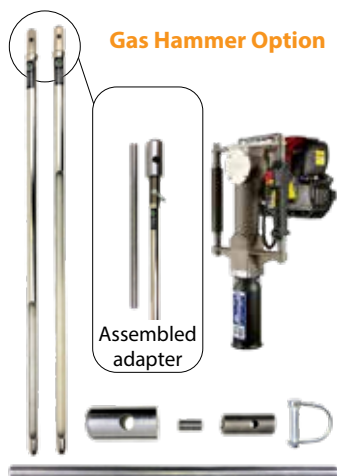
Hammer Drill Option (12" window)  
**#427.30 | \$1,806.16**

Manual Option (12" window)  
**#427.34 | \$346.50**

Gas Hammer Option (24" window)  
**#427.33 | \$2,245.00**

Hammer Drill Option (24" window)  
**#427.31 | \$1,820.65**

Manual Option (24" window)  
**#427.35 | \$370.80**



## RUSSIAN SEDIMENT/PEAT BORER COMPLETE KIT

Put on your waders and get out there. This kit provides you with everything you need to gather sediment samples in shallow water.

#25030 | \$1,607.83



### MULTI-STAGE SEDIMENT SLUDGE SAMPLER KIT



We've put it all together! Save money and buy the kit instead of all the pieces separately.

#209.41 | \$1,859.15

### ALUMINUM TANK SAMPLING KIT



Easily collect sludge samples from the bottom of petroleum tanks with this unique & user friendly sampling kit. Made from lightweight aluminum.

#58990 | \$1,934.76

### PRO SERIES MULTI-STAGE SEDIMENT SLUDGE SAMPLER KIT



This sampling kit provides all of the components needed to collect sludge and sediment samples up to 4' in length. It was designed for soil sampling professional who wants the strongest, most durable connection on their extensions, cross handle, slide hammer, and sampler cap.

#209.42 | \$2,140.34

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## MINI SOIL AUGER KIT



*Signature Series Kit Shown*

The AMS Soil Auger Kits are Complete and Compact. The stainless steel mini soil auger kit is popular for critical environmental sampling.

3 1/4" x 3' Mini Kit  
#209.71 | \$664.66

3 1/4" x 3' Signature Mini Kit  
#352.73 | \$752.52

## QUICK CONNECT MINI SOIL AUGER KIT



We've put it all together! Save money and buy the kit instead of all the pieces separately.

QC Mini Soil Auger Kit  
#209.76 | \$850.27

2 1/4" QC Mini Soil Auger Kit  
#209.78 | \$865.82

## 3 1/4" BASIC SOIL SAMPLING KIT



Versatile and complete. This kit gives you the ability to auger in most materials up to 12' and then collect a soil core sample.

3 1/4" Basic Soil Sampling Kit  
#209.51 | \$1,478.77

3 1/4" Environmental Kit (SST)  
#209.55 | \$2,219.03

## PROFESSIONAL SOIL SAMPLING KIT



All of the AMS professional series components have been made stronger and more durable than our standard components, and they feature AMS's strongest, most durable connection type. Professional series augers have been beefed up from bit to bale.

3 1/4" Pro Series Sampling Kit  
#402.24 | \$2,061.13

2 1/4" Pro Series Sampling Kit  
#402.23 | \$2,078.75



**GVP KIT W/DEDICATED TIPS,  
RETRACT-A-TIP AND DEWALT  
D25763K- 2" SDS MAX  
COMBINATION HAMMER DRILL**



Excellent for monitoring and sampling hydrocarbon spill sites, underground storage tanks and pipelines.

**#209.86 | \$3,983.94**

**GVP KIT W/DEDICATED TIPS AND  
RETRACT-A-TIP W/O DRILL**



Excellent for monitoring and sampling hydrocarbon spill sites, underground storage tanks and pipelines.

**#209.16 | \$2,718.20**

**SUB-SLAB GVP INSTALLATION KIT**



Sample for volatile organic and inorganic compounds from beneath floor slabs. Sub-slab sampling and routine monitoring has become an integral part of vapor intrusion investigations. The AMS Sub-Slab Gas Vapor Probe 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.

**#52956 | \$1,456.52**

**FLIGHTED AUGER KIT**



Quickly drill access holes with AMS Flighted Auger Kits. The AMS 2" flighted auger kit is equipped to drill access holes up to 9' deep. The included 1 1/2" x 6" soil core sampler may then be used to collect soil samples in liners. Additional extensions may be added to obtain deeper depths.

2" Flighted Auger Kit with DeWalt D25763K- 2" SDS Max Combination Hammer Drill

**#209.61 | \$3,255.21**

2" Flighted Auger Kit w/o Drill

**#209.10 | \$1,923.63**

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## GOUGE AUGERS



Designed for sampling wet clay and peat!

It is designed for collection of undisturbed soil samples from very soft and preferably very wet soils with minimal disturbance of soft cohesive layers. The Gouge Auger requires attachment to a cross handle or slide hammer for use.

1 1/4" x 40" Gouge Auger  
#54545 | \$289.64

2 1/2" x 40" SST Gouge Auger  
#53764 | \$457.94

## SPLIT SCS W/ CORE TIP



Use the AMS Split Soil Core Samplers to easily extract relatively undisturbed soil core samples.

2" x 6" Split SCS w/ Core Tip  
#403.40 | \$601.73

2" x 12" Split SCS w/ Core Tip  
#403.41 | \$647.15

## REPLACEABLE TIP HAMMER HEAD KIT



The AMS Hammer-Head Soil Probe Kit features a 16" L hammer-head cross handle which can be hammered on with the (included) impact absorbing dead blow hammer. No need to lug around a heavy slide hammer anymore!

7/8" x 33" Plated Soil Probe  
Hammer Head Kit  
#401.075 | \$226.49

1" x 36" Replaceable Tip  
Hammer Head Kit  
#425.501 | \$254.98

## BULK DENSITY SOIL SAMPLING KIT W/COMPACTED SLIDE HAMMER



This unique sampling kit comes with everything necessary to take accurate interval specific core samples to a depth of 3ft.

#400.84 | \$1,722.04

## FIBERGLASS AUGER KITS



*Deluxe Shown*

The Deluxe AMS Fiberglass Auger Kit provides some protection against possible electric shock when working in areas where buried electric cables may be present.

Deluxe Fiberglass Auger Kit  
#209.27 | \$811.64

3 1/4" Fiberglass Auger Kit  
#402.99 | \$354.32

## SOIL FERTILITY KITS

The Agronomists' best friend! AMS Soil Fertility Kits include everything you need for cutting and drawing samples from a variety of soil conditions.



1" Soil Fertility Sampling w/  
Compact Hammer  
#424.36 | \$738.72

1 1/4" Soil Fertility Sampling Kit  
w/ Compact Slide Hammer  
#424.34 | \$803.71



## GAS POWERED CORE SAMPLING KIT

The AMS Gas Powered Core Sampling Kit with gasoline powered Gas Powered REDI Boss Hammer is ideal for obtaining core samples to a depth of 8ft.

**#360.01 | \$3,818.75**

## ORIGINAL GVP KIT



Easily and economically sample soil gas vapors at shallow depths for preliminary testing.

The AMS "original" gas vapor probe can take vapor samples in soils to depths of 12' depending on soil conditions. This kit is an excellent choice for shallow gas vapor sampling in soft soil.

**#427.01 | \$373.89**

## 3 1/4" HEX QUICK PIN BASIC SAMPLING KIT



The New AMS 3-1/4" Hex Quick Pin Sampling Kit allows for collection of both disturbed & relatively undisturbed core samples down to a depth of 12ft.

**#206.20 | \$1,765.21**

## HOLLOWSTEM AUGER KIT



Prevent cross contamination with a cased access hole. The portable AMS Hollowstem auger kit provides the tools needed to reach a 6' depth. The augers cut a 3" diameter hole and have an ID of 1 1/8", making them suitable for soil, soil gas and groundwater sampling through a cased hole.

Hollowstem Auger with DeWalt D25763K- 2" SDS Max Combination Hammer Drill

**#409.80 | \$2,777.19**

Hollowstem Auger Kit w/o Drill

**#209.22 | \$1,488.14**

## FROZEN SOIL POWERED AUGER KIT



The AMS Frozen Soil Powered Auger Kit was designed to core through those dreaded frozen soil conditions. The Core Barrel Auger is equipped with carbide cutting teeth that are specifically designed to chew through tough frozen soil and pull relatively undisturbed cores inside the barrel.

**#206.10 | \$910.31**

### STATIC CONE PENETROMETER COMPLETE



Evaluate the consistency, compaction and bearing of fine grained, soft soils. The static cone penetrometer is used to evaluate the consistency of soils, their level of compaction and the bearing capacity of shallow foundations and pavement subgrades.

**#59010 | \$730.10**

### DYNAMIC CONE PENETROMETER COMPLETE



The most widely accepted, portable method for evaluating strength and density of soil, in situ.

**#59000 | \$730.79**

### POCKET PENETROMETER



The AMS pocket penetrometer provides accurate measurements of the compressive soil strength.

Pocket Penetrometer  
**#59032 | \$58.50**

Adapter Foot for E-280  
Pocket Penetrometer  
**#59031 | \$21.63**

### FIELD VANE SHEAR TESTER COMPLETE



Take direct readings of shear strength to depths up to 10 ft (3 meters) in soft to stiff clays. Three (3) vane sizes allow for the direct determination of un-drained shear strength of soft to stiff clays.

**#59020 | \$1,432.22**

### BOREHOLE PREPARATION KIT



Improve effectiveness of geotechnical testing and sampling with a pre-bored hole.

**#400.78 | \$585.97**

### AMS DUAL MASS DCP WITH VERTEK SMART DCP COMPLETE



Developed by the Army Corps of Engineers, Dynamic Cone Penetrometers (DCPs) provide a low-cost, efficient test method for quickly determining in-situ CBR values of pavement base, subbase and subgrades. They can readily be used for depths up to 30" and up to 6' with optional drive rods and extensions.

AMS Dual Mass DCP  
w/ Vertek Smart DCP (complete)  
**#299.00 | \$3,600.00**

AMS Dual Mass Dynamic Cone  
Penetrometer (only)  
**#300.00 | \$1,890.05**



VERTEK SMART (DCP)

Vertek Smart (DCP) (only)  
**#300.01 | \$1,800.00**

# AMS Well Management Systems

## AMS-7000

- Ideal for 4" or Larger Wells 500ft+ Depth
- Unique AMS Design w/ Pump Wire Ran Inside Hose
- Ideal for Groundwater Sustainability Projects
- Used for Purging, Well Development & Sampling
- Handheld Pendant Controls

## AMS-3500

- Ideal for 3" or Larger Wells up to 500ft depth
- Powered by 6,500w Single Phase Onboard Generator
- Used for Purging, Well Development & Sampling
- Unique AMS Design w/ Pump Wire Ran Inside Hose
- Handheld Pendant Controls

## PORT-A-REEL

- 2" Pump for Use Up to 280ft Depth
- Used for Purging, Well Development & Sampling
- Available in Environmental & Standard Configurations
- Portable for use in Tight Locations
- Manual or Hydraulic Spool Operation







## PowerProbe™ 9580-VTR

The 9580-VTR PowerProbe™ is a multi-purpose Direct Push machine with additional capability for continuous flight, hollowstem augering, SPT/CPT, high-speed rock coring to tackle any environmental, geotechnical, and exploration jobsite.



## PowerProbe™ 9520-VTR

The 9520-VTR PowerProbe™ is a versatile mid-sized Direct Push/Auger machine that will provide the needed capability for all environmental, geotechnical, exploration, soil gas, and remedial injection applications.







## PowerProbe™ 9110-Ag Probe

The 9110 Ag-Probe is designed for shallow soil sampling to collect continuous 3'–5' soil core samples to composite micronutrient sampling programs in a wide range of agricultural applications. Available to mount in most standard 1/2 ton truck beds and UTV's.



## PowerProbe™ 9120-RAP

The 9120-RAP PowerProbe™ is a compact, self-contained, Direct Push sampling system that is ideal for continuous soil sampling to depths of 20' or more, depending on soil conditions.

**\*If you don't see the model you want, call  
AMS to see what else we have to offer!**

**Order online today and save!**  
**Contact Us Today**

## **Hand Sampling**

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## **PowerProbe™**

**Ryan Anderson**

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