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**EQUIPPING
THE WORLD**

TO SAMPLE THE EARTH



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
Part #401.42 | Unit Price: **\$82.80**

33" Plated Step Probe w/ Handle
Part #401.40 | Unit Price: **\$94.50**



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
Part #401.01 | Unit Price: **\$64.30**

7/8" x 21" Plated Soil Probe w/Handle
Part #401.02 | Unit Price: **\$51.80**

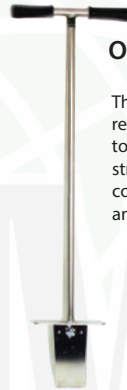


REPLACEABLE TIP SOIL PROBE

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
Part #425.50 | Unit Price: **\$118.20**

1" x 36" Plated Rep Tip Probe
w/24" Window and Handle
Part #425.52 | Unit Price: **\$134.00**



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.

One Piece Soil Profiler
Part #427.75 | Unit Price: **\$164.50**



AMS 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.

Gator Probe
Part #401.45 | Unit Price: **\$194.70**

TDR 300 SOIL SAMPLING / MOISTURE KIT



Turf Soil Moisture Meters provide instantaneous readings of root zone soil moisture. They are based on proven time-domain measurement technology.

TDR 300 Soil Sampling/Moisture Kit
Part #70044 | Unit Price: **\$1,188.00**





OPEN END SOIL PROBE W/HANDLE

Open End Soil Probes allow you to take shallow samples and are primarily used in agricultural applications.

1 1/8" x 33" Plated Open End Soil Probe w/Handle
Part #401.10 | Unit Price: **\$144.00**

7/8" x 33" Plated Open End Soil Probe w/Handle
Part #401.21 | Unit Price: **\$106.60**



COMPACTED SOIL SAMPLER

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

Compacted Soil Sampler
Part #58080 | Unit Price: **\$275.00**

ECHO EDR-210 Gas Drill
Part #213.81 | Unit Price: **\$482.10**

MINI SOIL PROBE KITS



Model 4 shown

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
Part #56977 | Unit Price: **\$322.00**

AMS Mini Soil Probe Kit Model 2
Part #56978 | Unit Price: **\$175.00**

AMS Mini Spiral Auger Kit Model 3
Part #56979 | Unit Price: **\$270.00**

AMS Mini Soil Probe Kit Model 4
Part #56976 | Unit Price: **\$212.00**



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
Part #401.38 | Unit Price: **\$163.40**

1-1/8" x 33" EZ Eject Soil Probe
Part #401.39 | Unit Price: **\$199.80**

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
Part #400.143 | Unit Price: **\$302.70**

Signature 3 1/4" Regular Field Auger Kit
Part #400.141 | Unit Price: **\$245.10**

QC 3 1/4" Regular Field Auger Kit
Part #400.142 | Unit Price: **\$292.60**

3 1/4" Regular Auger Kit
Part #400.14 | Unit Price: **\$217.60**

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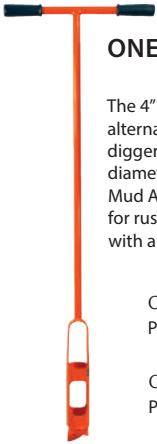


ONE PIECE REGULAR AUGER

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
Part #400.46 | Unit Price: **\$164.50**

One Piece 2 3/4" Regular Auger
Part #400.48 | Unit Price: **\$164.50**

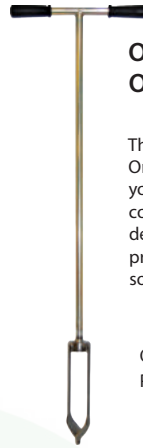


ONE PIECE MUD AUGER

The 4" One-Piece Mud Auger is a great alternative to the cumbersome post hole digger 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
Part #400.47 | Unit Price: **\$170.10**

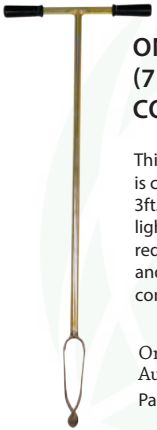
One Piece 2 3/4" Mud Auger
Part #400.49 | Unit Price: **\$170.10**



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.

One Piece 2 1/2" Open Face Auger
Part #400.54 | Unit Price: **\$215.30**



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.

One Piece 2 3/4" (7 cm) Edelman Auger Combination Soils
Part #400.50 | Unit Price: **\$204.30**



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
Part #404.05 | Unit Price: **\$378.30**

2" x 6" SST SCS Complete
Part #404.63 | Unit Price: **\$448.50**



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.

Piezometer Groundwater Sampling Kit Part #209.20 | Unit Price: **\$2,466.90**



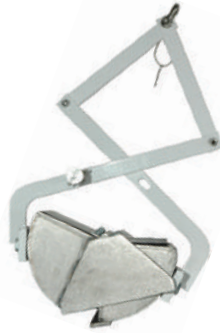
15 LB. SST DREDGE



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

15 lb. SST Dredge
Part #445.10 | Unit Price: **\$469.60**

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.

25 lb. SST Dredge
Part #445.60 | Unit Price: **\$643.30**



EKMAN DREDGE

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

Ekman Dredge
Part #445.11 | Unit Price: **\$544.00**



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
Part #401.36 | Unit Price: **\$93.40**

1-1/8" X 33" EZ Klean Soil Probe
Part #401.37 | Unit Price: **\$129.80**



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)
Part #451.00 | Unit Price: **\$151.50**

1 3/4" x 3' Tapered SST Bailer
(Top Fill)
Part #2100.39 | Unit Price: **\$145.60**

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



The NEW 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
Part #424.37 | Unit Price: **\$202.50**

1 1/4" x 36" Replaceable Tip
Sand Probe
Part #424.39 | Unit Price: **\$247.20**



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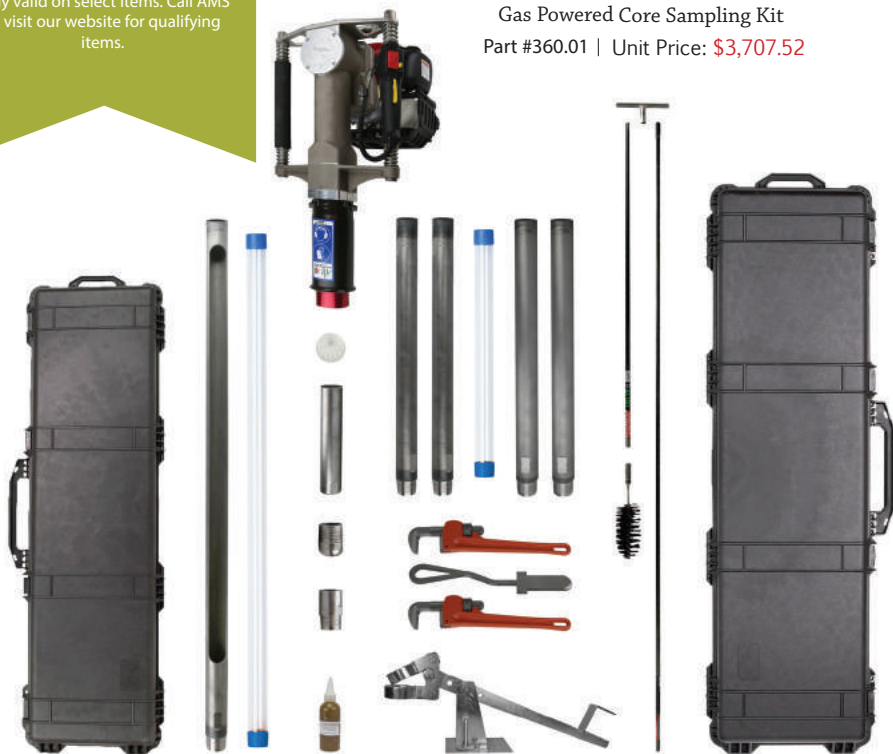
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GAS POWERED CORE SAMPLING KIT

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.

Gas Powered Core Sampling Kit
Part #360.01 | Unit Price: **\$3,707.52**



BULK DENSITY SOIL SAMPLING KIT



Bulk Density Soil Sampling Kit
w/ Compacted Slide Hammer Part #400.84 | Unit Price: **\$1,671.88**

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



MULTI-STAGE SEDIMENT SLUDGE SAMPLER KIT

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

Multi-Stage Sediment
Sludge Sampler Kit
Part #209.41 | Unit Price: **\$1,805.00**



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.

Aluminum Tank Sampling Kit
Part #58990 | Unit Price: **\$1,878.41**

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.

Pro Series Multi-Stage Sediment
Sludge Sampler Kit
Part #209.42 | Unit Price: **\$2,078.00**





Signature Series Kit Shown

MINI SOIL AUGER KIT

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
Part #209.71 | Unit Price: **\$645.30**

3 1/4" x 3' Signature Mini Kit
Part #352.73 | Unit Price: **\$730.60**



QC 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
Part #209.76 | Unit Price: **\$825.50**

2 1/4" QC Mini Soil Auger Kit
Part #209.78 | Unit Price: **\$840.60**



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.

Includes: Regular, sand and mud auger, rubber coated cross handle, soil core sampler, slide hammer, three 4' extensions, plastic liner, plastic end caps, wrenches, and cleaning brushes in a rugged, foam-padded hard-sided AMS deluxe carrying case with handles and wheels.

3 1/4" Basic Soil Sampling Kit
Part #209.51 | Unit Price: **\$1,435.70**

3 1/4" Environmental Kit (SST)
Part #209.55 | Unit Price: **\$2,154.40**



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
Part #402.24 | Unit Price: **\$2,001.10**

2 1/4" Pro Series Sampling Kit
Part #402.23 | Unit Price: **\$2,018.20**





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
Part #54545 | Unit Price: **\$281.20**

2 1/2" x 40" SST Gouge Auger
Part #53764 | Unit Price: **\$444.60**



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
Part #403.40 | Unit Price: **\$584.20**

2" x 12" Split SCS w/ Core Tip
Part #403.41 | Unit Price: **\$628.30**



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
Part #401.075 | Unit Price: **\$205.90**

1" x 36" Replaceable Tip
Hammer Head Kit
Part #425.501 | Unit Price: **\$231.80**



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.

Russian Sediment/Peat
Borer Complete Kit
Part #25030 | Unit Price: **\$1,449.00**



FIBERGLASS AUGER KITS

Deluxe Fiberglass Auger Kit
Part #209.27 | Unit Price: **\$788.00**

3 1/4" Fiberglass Auger Kit
Part #402.99 | Unit Price: **\$333.90**

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



SOIL FERTILITY KITS

The Agronomist's 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
Part #424.36 | Unit Price: **\$717.20**

1 1/4" Soil Fertility Sampling Kit
w/ Compact Slide Hammer
Part #424.34 | Unit Price: **\$780.30**





GVP KIT W/DEDICATED TIPS,RETRACT-A-TIP AND BOSCH 11245 EVS HAMMER DRILL

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

GVP Kit w/Dedicated Tips, Retract-A-Tip and Bosch 11245 EVS Hammer Drill

Part #209.86 | Unit Price: **\$3,867.90**

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!

GVP Kit w/Dedicated Tips and Retract-A-Tip w/o Drill

Part #209.16 | Unit Price: **\$2,639.20**



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.

Sub-Slab GVP Installation Kit

Part #52956 | Unit Price: **\$1,414.10**



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 Bosch 11245EVS Drill

Part #209.61 | Unit Price: **\$3,160.40**

2" Flighted Auger Kit w/o Drill

Part #209.10 | Unit Price: **\$1,867.60**





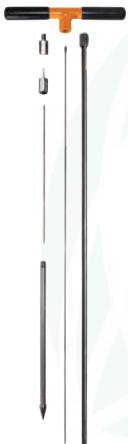
HOLLOWSTEM AUGER KIT

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
Bosch 11245EVS
Part #409.80 | Unit Price: **\$2,696.30**

Hollowstem Auger Kit w/o Drill
Part #209.22 | Unit Price: **\$1,444.80**



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.

Original GVP Kit
Part #427.01 | Unit Price: **\$363.00**

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.

3 1/4" Hex Quick Pin Basic Sampling Kit
Part #206.20 | Unit Price: **\$1,689.20**

BOREHOLE PREPARATION KIT



Improve effectiveness of geotechnical testing and sampling with a pre-bored hole. Includes: 5/8" threaded, 2 1/4" regular auger and 2 1/4" 5/8" planer auger, one 4' 5/8" extension, one 3' 5/8" extension, rubber-coated cross handle, black poly-canvas bag.

Borehole Preparation Kit
Part #400.78 | Unit Price: **\$568.90**



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.

Borehole Preparation Kit
Part #206.10 | Unit Price: **\$883.80**



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.

Static Cone Penetrometer Complete
Part #59010 | Unit Price: **\$709.50**

DYNAMIC CONE PENETROMETER COMPLETE



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

Dynamic Cone Penetrometer Complete
Part #59000 | Unit Price: **\$709.50**

POCKET PENETROMETER



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

Pocket Penetrometer
Part #59032 | Unit Price: **\$56.80**

Adapter Foot for E-280
Pocket Penetrometer
Part #59031 | Unit Price: **\$21.00**



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.

Field Vane Shear Tester Complete
Part #59020 | Unit Price: **\$1,390.50**



AMS DUAL MASS DCP WITH VERTEK SMART DCP COMPLETE

AMS Dual Mass DCP W/Vertek Smart DCP Complete
Part #299.00 | Unit Price: **\$3,600.00**



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 Dynamic Cone Penetrometer
Part #300.00 | Unit Price: **\$1,835.00**



VERTEK SMART (DCP)

Vertek Smart (DCP)
Part #300.01 | Unit Price: **\$1,800.00**



SK 3500

WELL MANAGEMENT SYSTEM



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FOR MORE INFORMATION



SK 3500

The AMS SK-3500 Groundwater Well Monitoring & Sampling System was designed for use in wells, each with a total depth of up to 300 feet below ground surface. The automated, hydraulic-driven boom with double-spool system makes it efficient for an operator to monitor groundwater and then collect samples at the appropriate time. The SK-3500 is built on a self-contained skid that can easily be slid into or out of a wide variety of transport vehicles.



PORT-A-REEL

AMS Port-A-Reels are convenient for purging and sampling groundwater monitoring wells with an electric submersible pump. The 16" pneumatic tires are located close to the spool to allow for easier movement and positioning. The boom is extendable to accommodate different well casing heights. All fitted with a footage counter, standard models have a hand crank for the user to lower or raise the pump. Hydraulic models include an electric-driven hydraulic-pump motor with a pendant control.



POWERPROBE™ 9580-VTR

The 9580-VTR PowerProbe™ is a versatile drill rig that can be used in environmental, and geotechnical applications for collecting soil, and groundwater samples, installing piezometers, and performing subsurface injections.

POWERPROBE™ 9520-VTR

The NEW 9520-VTR PowerProbe™ is a versatile and compact direct push and hollowstem auger capable drill rig for environmental and exploration applications.





POWERPROBE™ 9110-AG PROBE

The 9110 Ag-Probe is the newest model in the AMS PowerProbe line up, designed for use in agricultural and environmental sampling. This model can be mounted on most standard UTV units that meet our standard weight limits.



POWERPROBE™ 9120-RAP

The 9120-RAP PowerProbe machine is a new and improved design for the 9100 series models that allows you to use a UTV style 4x4 or 6x6 to get in remote jobsites for shallow direct push applications with 4-foot DP Extensions.

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



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FOR TECHNICAL SUPPORT.

HAND SAMPLING

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tim@ams-samplers.com



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