



Mini Catalog

Equipping the World to Sample the Earth
Since 1942

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Bomb Sampler

Stainless Steel Bomb Sampler Kit
54068 | \$642.00

Stainless Steel Bomb Sampler
54061 | \$561.75



This sampler is used to obtain liquid samples from the top, bottom or any intermediate level of storage tanks, tank cars, ponds, lagoons, and wells.

Carbon Sampling



2" X 12" Split Core Carbon Sampling Kit
w/ Gas Powered REDI Boss Hammer,
1-1/4" Direct Push Thread
64521 | \$4,325.98

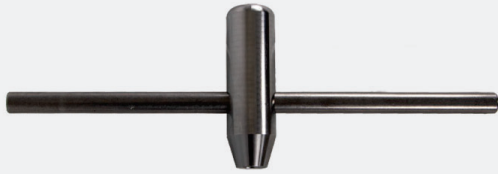
2" X 12" Carbon Sampling Kit w/
Gas Powered REDI Boss Hammer,
1-1/4" Direct Push Thread
64522 | \$4,101.24



2" X 12" Split Core Carbon
Sampling Kit, 1-1/4" Direct
Push Thread
64524 | \$1,835.00

2" X 12" Carbon Sampling Kit,
1-1/4" Direct Push Thread
64525 | \$1,611.00

Collecting core samples is an important step for determining carbon levels and subsequently improving soil health. Soil core samplers are designed to compress the soil as little as possible. Carbon sampling kits feature the AMS 1-1/4" Direct Push threaded connection, making them our strongest hand sampling soil core samplers to date!



Gas Powered Hammer Head w/ 20"
Removable Cross Handle, 1-1/4"
Direct Push Thread
64332 | \$240.75



2' Drive Extension, 1-1/4"
Direct Push Thread
5005.72 | \$121.34



2" Stainless Steel
Split Soil Core
Sampler cap, 1-1/4"
Direct Push Thread
64330 | \$240.75

This cap fits the Split
Soil Core Sampler
Cup Set



2" Soil Core Sampler
Cap, 1-1/4" Direct
Push Thread
64331 | \$197.95

This cap fits the Solid
and Slotted Soil Core
Sampler Cups.



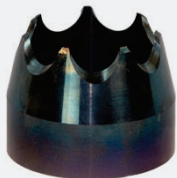
2" X 12" Soil Core
Sampler Cup
404.54 | \$306.84



2" X 12" Slotted Soil
Core Sampler Cup
404.55 | \$371.29



2" X 12" Split Soil Core
Sampler Cup Set
403.45 | \$372.91



2" Serrated Split Soil
Core Sampler Tip
61981 | \$267.81



2" Split Soil Core
Sampler Core Tip
403.50 | \$238.89

Core & Split Soil Core Samplers



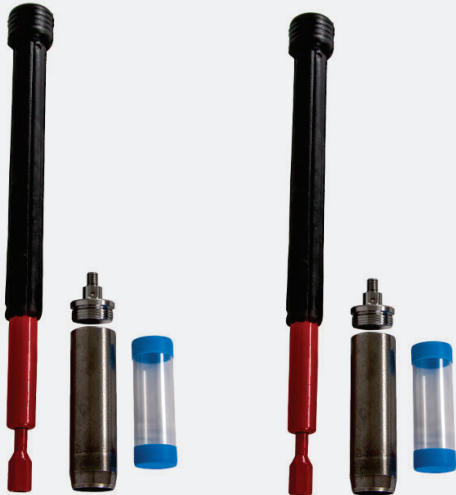
2" X 12" Multi-Stage Soil Core Sampler Complete, 5/8" Thread
403.27 | \$876.64

2" X 12" Multi-Stage Soil Core Sampler Complete, Hex Quick Pin
58561 | \$765.05



3-1/4" X 10" Soil Recovery Auger Complete, Hex Quick Pin
58559 | \$560.47

3-1/4" X 10" Stainless Steel Soil Recovery Auger Complete, Hex Quick Pin
58560 | \$590.51



2" X 6" Soil Core Sampler Complete, 5/8" Thread
404.05 | \$450.28

2" X 6" Stainless Steel Soil Core Sampler Complete, 5/8" Thread
404.63 | \$533.83

These quality soil core sampling tools allow the user to collect soil core samples into removable liners.



2" X 6" Split Core Sampler w/ Both Tips, 5/8" Thread
403.61 | \$887.22

Split soil core samplers extract relatively undisturbed soil core samples.



2" X 6" Split Soil Core Sampler w/ Core Tip 5/8" Thread
403.40 | \$695.35

Visit our website for additional options!

Geotechnical Testing



Concrete Test Hammer Type N
59036 | \$635.58

Concrete test hammer is an invaluable tool to check and estimate the quality of concrete.



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.

Dual Mass DCP w/ Vertek Smart DCP Kit
299.00 | \$4,275.72

Dual Mass DCP Kit
300.00 | \$2,184.14

Vertek Smart DCP
300.01 | \$2,142.48



Dynamic Cone Penetrometer Complete
59000 | \$844.50

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



Field Vane Shear Tester Kit
59020 | \$1,655.07

This kit is used to measure in-situ undrained shear strength in clays. It is primarily intended for use in trenches and excavations at depths up to 3 m.



Pocket Penetrometer
59032 | \$67.60

1" Pocket Penetrometer Adapter Foot
59031 | \$25.00

Pocket Penetrometers provide accurate measurements of the compressive soil strength.



Shaw Portable Core Drill -
Backpack Drill Rock Coring Kit (41mm)
21242 | \$4,698.00

The Shaw Portable Core Drill is a nearly ideal tool for environmental and geotechnical field investigations because it can be used in otherwise difficult to access locations behind buildings, fences, walls, trees, escarpments, and much more. The Diamond Core Bits of the system are easily capable of advancing borings through a large array of subsurface materials including steel reinforced concrete, hard rock, and some kinds of cemented gravels. The Loose Materials Bit can be used to make stable, open borings with the use of bentonite clay in flowing sand and very loose gravel, and in clay with the use of surfactants mixed in drilling fluid. Bayonet couplings make loading and unloading of the sampler very easy. Stainless steel components resist rust and are easily decontaminated for high quality sampling.



Static Cone Penetrometer Complete
59010 | \$844.50

Evaluate the consistency, compaction, and bearing of fine grained, soft soils. Static Cone Penetrometers are used to evaluate the consistency of soils, their level of compaction and the bearing capacity of shallow foundations and pavement subgrades.

Kits



3-1/4" Deluxe Fiberglass Auger Kit, Signature Series
209.27 | \$937.93

3-1/4" Fiberglass Auger Kit, Signature Series
402.99 | \$409.46

Give yourself some protection against possible electric shock when working in areas where buried electric cables may be present!



3-1/4" Pro Series Regular Auger Field Kit, 3/4" Thread
400.143 | \$360.29

3-1/4" Regular Auger Field Kit, 5/8" Thread
400.14 | \$259.00

3-1/4" Regular Auger Field Kit, Hex Quick Pin
58534 | \$369.46

3-1/4" Regular Auger Field Kit, Quick Connect
400.142 | \$348.27

3-1/4" Regular Auger Field Kit, Signature Series
400.141 | \$297.14

Save money with these no fuss kits. The 3-1/4" Regular Auger Field Kits are ideal because of their simplicity.



Compact Telescoping soil augers have an internal extension that allows you to extend this 4' sampler to 8' with the simple push of a pin.

3-1/4" Regular Auger Kit, Telescoping
301.66 | \$353.15

3-1/4" Mud Auger Kit, Telescoping
301.78 | \$394.10

3-1/4" Sand Auger Kit, Telescoping
301.90 | \$388.39

Visit our website for additional options!



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

Borehole Preparation Kit
400.78 | \$677.14



Bulk Density Soil Sampling Kit
w/ Compact Slide Hammer,
Hex Quick Pin
58563 | \$2,150.49



2-1/4" Deluxe Environmental Soil
Sampling Kit, 5/8" Thread
209.58 | \$2,747.49

3-1/4" Deluxe Environmental Soil
Sampling Kit, 5/8" Thread
209.56 | \$2,797.25

2-1/4" Environmental Soil
Sampling Kit, 5/8" Thread
209.57 | \$2,446.48

3-1/4" Environmental Soil
Sampling Kit, 5/8" Thread
209.55 | \$2,564.31

These kits are used for sampling in soils where there is potential for contamination below the ground surface. Stainless steel components allow for easy decontamination.



2" Flighted Auger Kit w/
Drill, Hex Quick Pin
209.12 | \$4,134.74

2" Flighted Auger Kit w/ No
Drill, Hex Quick Pin
209.11 | \$2,282.31

Equipped to drill access holes up to 9' and collect soil samples into liners. Hex Quick Pin connections make adding and disconnecting easier than ever before and prevent extensions from binding and locking up while augering.

Visit our website for additional options!



Frozen Soil Powered Auger
Kit, Hex Quick Pin
206.10 | \$1,051.95

The Frozen Soil Powered Auger Kit is designed to core through those dreaded frozen soil conditions. The earth 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.



Gas Powered Core
Sampling Kit
360.01 | \$4,412.95

The Gas Powered Core Sampling Kit with the Gas Powered REDI Boss Hammer is ideal for obtaining core samples to a depth of 8'.



3" Hollowstem Flighted Auger
Kit w/ Drill, 5/8" Thread
409.80 | \$3,209.32

3" Hollowstem Flighted Auger
Kit w/ No Drill, 5/8" Thread
209.22 | \$1,719.70

Hollowstem flighted auger extensions are capable of creating a cased borehole that is 6' deep with an inner and outer diameter of 1-1/8" and 3", respectively. Soil, gas vapor, and groundwater samples may be collected through the cased borehole.



3-1/4" X 3' Mini Soil Auger Kit,
5/8" Thread
209.71 | \$768.08

3-1/4" X 3' Mini Soil Auger Kit,
Hex Quick Pin
58565 | \$1,001.30

3-1/4" X 3' Mini Soil Auger Kit,
Quick Connect
209.76 | \$982.57

3-1/4" X 3' Mini Soil Auger Kit,
Signature Series
352.73 | \$877.66



Mini Soil Probe Kit Model 1
56977 | \$396.79

Mini Soil Probe Kit Model 2
56978 | \$218.58

Mini Spiral Auger Kit Model 3
56979 | \$327.32

Mini Soil Probe Kit Model 4
56976 | \$263.43

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



2" Multi-Stage Sludge & Sediment
Sampler Kit, 5/8" Thread
209.41 | \$2,148.43

Everything needed to collect sludge
and sediment samples up to 4' in
length.



7/8" X 33" Plated Hammer
Head Soil Probe Kit
401.075 | \$273.00

1" X 36" Plated Hammer Head
Replaceable Tip Soil Probe Kit,
5/8" Thread
425.501 | \$306.53

No need to lug around a heavy slide
hammer anymore! Drive these soil
probe kits with an impact absorbing
dead blow hammer.

The only soil probe that features the Hex Quick Pin connection. Hex Quick Pin 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.

1" X 36" Replaceable Tip Soil Probe Hammer Drill Kit, Hex Quick Pin

427.30 | \$2,195.85

1" X 36" Replaceable Tip Soil Probe (24" Window) Hammer Drill Kit, Hex Quick Pin

427.31 | \$2,213.62



1" X 36" Replaceable Tip Soil Probe Gas Hammer Kit, Hex Quick Pin

427.32 | \$2,791.33

1" X 36" Replaceable Tip Soil Probe (24" Window) Gas Hammer Kit, Hex Quick Pin

427.33 | \$2,808.31



1" X 36" Replaceable Tip Soil Probe Slide Hammer Kit, Hex Quick Pin

427.34 | \$426.49

1" X 36" Replace Tip Soil Probe (24" Window) Slide Hammer Kit, Hex Quick Pin

427.35 | \$442.85



Soil Classification Kit, Signature Series

424.38 | \$2,661.87

The Signature Series Soil Classification Kit was built with operator comfort and efficiency in mind. The Signature Series thread pattern allows for quick and easy connection/disconnection with 2-1/2" turns to connect. This kit was assembled for insitu soil investigations to depths of 12'. One handy tool that is included is our extendible tile probe which is crucial for locating underground obstructions.



**3-1/4" Basic Soil Sampling Kit, Signature Series
352.51 | \$1,898.52**

Basic Soil Sampling Kits provided everything you'll need to auger to a depth as deep as 12' and obtain a relatively undisturbed soil core sample. The kits are used worldwide by soil scientists, agronomists, and construction companies for site investigations.

2-1/4" Professional Series Soil Sampling Kit, 3/4" Thread
402.23 | \$2,402.20

2-1/4" Basic Soil Sampling Kit, 5/8" Thread
209.53 | \$1,759.81

2-1/4" Basic Soil Sampling Kit, w/ Ratcheting Cross Handle, Hex Quick Pin
206.21 | \$2,286.59

2-1/4" Basic Soil Sampling Kit, Signature Series
352.53 | \$1,972.40

3-1/4" Professional Series Soil Sampling Kit, 3/4" Thread
402.24 | \$2,381.84



2-1/4 Professional Series Soil Sampling Kit, 3/4" Thread
402.23 | \$2,402.20

3-1/4" Professional Series Soil Sampling Kit, 3/4" Thread
402.24 | \$2,381.84

Designed for soil sampling professionals who want the strongest, most durable connection on all of their new and improved augers, extensions, cross handles, slide hammers, and split soil core samplers.



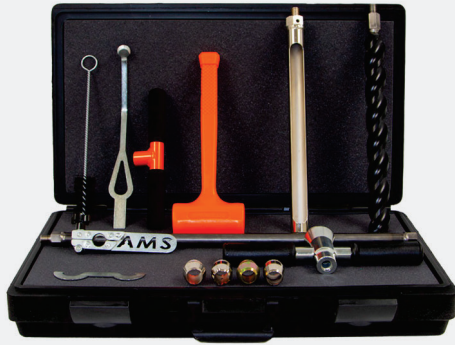
3-1/4" X 3' Soil Core Sampling Mini Kit, 5/8" Thread
209.07 | \$1,194.68

3-1/4" X 3' Stainless Steel Split Soil Core Sampling Mini Kit, Hex Quick Pin
58567 | \$1,948.46

3-1/4" X 3' Soil Core Sampling Mini Kit, Signature Series
352.54 | \$1,263.71

Included is everything needed to auger to 12' and collect a virtually undisturbed soil core sample into a core or split core sampler.

Visit our website for additional options!



1" Soil Fertility Kit w/ Compact Slide Hammer, 5/8" Thread
424.36 | \$869.47

1" Soil Fertility Kit w/ Hammer Head Cross Handle, 5/8" Thread
424.35 | \$829.46

1-1/4" Soil Fertility Kit w/ Compact Slide Hammer, 5/8" Thread
424.34 | \$945.97

1-1/4" Soil Fertility Kit w/ Hammer Head Cross Handle, 5/8" Thread
424.33 | \$901.72

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



Sub-Slab Gas Vapor Probe Installation Kit
52956 | \$1,683.15

Sub-Slab Gas Vapor Probe (GVP) Installation Kits are used to sample for volatile organic compounds (VOCs) beneath floor slabs during vapor intrusion investigations. Sub-slab kits provide a semi-permanent probe that allows for repeated sampling over time in order to assess the potential of contaminated vapor intrusion beneath the floor slab of a building.



Sure-Lock Soil Probe Kit
426.27 | \$1,058.12

Take samples up to 36" deep. Hand-crafted from 1018 steel that has been 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.



Russian Sediment/Peat Borer
Complete Kit
25030 | \$1,978.43

Russian Sediment/Peat Borer
Complete Kit, Hex Quick Pin
25039 | \$2,050.00

The Russian Peat Borer (6 cm X 50 cm) is a side filling chambered-type sampler. This discrete point sampler enables one to drive the sampler to any point in the sediment profile in the closed (empty) position. Once the target depth is reached, the "T" handle is turned clockwise to initiate the sampling while the pivoting cutting plate supports the cutting action of the borer. As the sampler is turned 180 degrees, the sharpened edge of the borer tube longitudinally cuts a semi-cylindrical shaped sample until the opposite side of the cutting plate is contacted. The contained sample can now be recovered without risk of contamination by overlying sediments. The sample is extruded from the borer by a counterclockwise rotation where the sample rests on the cutting plate ready for sectioning.



2" Tank Sludge Sampling Kit
58990 | \$2,235.81

Based on the popular design of the Multi-Stage Sludge & Sediment Sampling Kit, the components in this kit are similar, only they are made from lightweight aluminum. This proves to be crucial, as often tanks can be 50' plus in height; therefore, keeping your sampler and extension strand 'lightweight' is a necessity. Having a solid/rigid extension strand gives the operator the ability to push and twist the sampler deep into the sludge.

Sampling Accessories



3' Poly-Canvas Case (Green)
430.02 | \$117.96



4' Deluxe Carrying Case
1750 Black
430.01 | \$344.95

These tough, convenient cases are perfect for storing and transporting your valuable sampling equipment. Flexible poly-canvas cases are available in a variety of sizes and with various pocket options. Rugged, hard-sized cases with foam padding are available in four sizes. The deluxe case is used with most kits.

4' Poly-Canvas Case (Green)
430.04 | \$124.02

3' Poly-Canvas Core Sampling Case (Blue)
430.00 | \$125.21

3' Deluxe Carrying Case 1700 Black
430.25 | \$310.25



The lightweight hammer head cross handle allows the user to push or hammer the attached soil probe into the ground. By hammering the head of the cross handle with an all-purpose, impact-absorbing, dead blow hammer, the user can penetrate harder soils than by manually pushing on the soil probe.

12" Hammer Head Cross
Handle, 5/8" Thread
401.27 | \$117.48

Dead Blow Hammer 37oz
11677 | \$45.23



21" Soil Ejector for 7/8" Soil Probe
402.01 | \$43.76

33" Soil Ejector for 7/8" Soil Probe
402.02 | \$44.97

Soil ejectors snap inside soil probe sample windows and slide up as the sample enters. Once the sample is retrieved, soil ejectors are then pushed down to remove the sample from the soil probe. They are meant to remain inside the probe for subsequent use.



7/8" Soil Ejector Spoon
56760 | \$33.71

1-1/8" Soil Ejector Spoon
56761 | \$33.71

The head of a soil ejector spoon fits inside the sample window of 7/8" and 1-1/8" soil probes to help remove soil from the sample window. The reverse side of the soil ejector spoon is designed to remove the remaining soil from the tip of the soil probe.

Visit our website for additional options!



Compact Slide Hammer,
5/8" Thread

400.96 | \$207.83

Regular Slide Hammer,
5/8" Thread

400.99 | \$213.18

Slide hammers offer a simple method for soil penetration by allowing the user to push or drop the hammer weight down the slide rod to apply force through the extension to the sampler. Slide hammers also assist in sample retrieval by allowing the user to back hammer by providing upward force.

Visit our website for additional options!

3/4" X 13-3/4" Plastic Liner
425.07 | \$1.90

1 X 13-3/4" Plastic Liner
425.02 | \$2.14

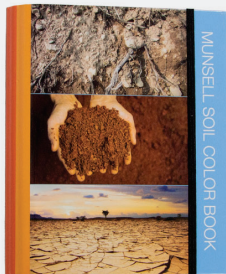
3/4" X 25-3/4" Plastic Liner
425.09 | \$2.62

1 X 25-3/4" Plastic Liner
425.04 | \$3.21



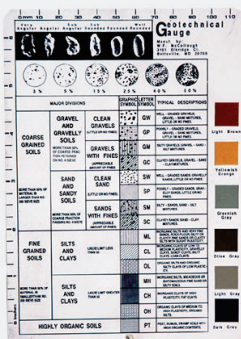
3/4" Plastic End Cap
425.22 | \$0.47

1" Plastic End Cap
425.18 | \$0.47



Munsell Soil Binder w/ Chart
504.00 | \$283.55

This book is organized to make it faster and easier for you to identify and communicate the color of soil in the field. Soil color indicates the makeup of the soil within a given geographic area, which can influence the land's fitness for use, such as wetlands, optimum crops to plant, viability for wastewater systems, and other uses.



McCullough Geo Guide Card
and Geotechnical Guage
504.20 | \$23.21

This card provides classification information on a flexible, waterproof plastic card with a lanyard. It includes soil type samples, classification by type, grain size, and color. It features six common Munsell soil colors, Unified Soil Classification System (USCS), soil compaction tests for clay and sand, and size classification chart with actual sand grains from coarse to silt.

Safety Liner Splitter
61701 | \$236.41



The Safety Liner Splitter allows you to split liners up to 13-3/4" in length. This adjustable liner splitter accepts liner diameters as small as 3/4" all the way up to 3" outer diameter. Each liner splitter comes with a safety utility knife with a spring-loaded retractable blade and (10) extra hook blades. This device offers a safe alternative for splitting liners open lengthwise in the field.



**Montana Sharp Shooter w/
 Rubber Coated Handle**
410.01 | \$215.56

Montana Sharp Shooter
410.00 | \$205.10

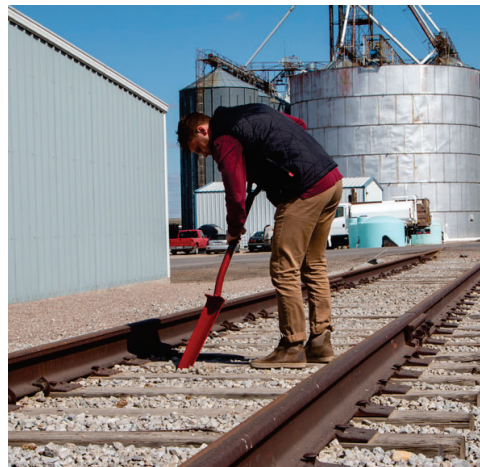
The heavy-duty, sharp shooter opens a deep, narrow hole, even in hard, rocky soil. The blade is 18" in length, 5-1/4" in width at top, and tapers to 4-1/4" in width at bottom. The handle is 29" long and is available with rubber coating to reduce recoil from striking rocks. These shovels are made using heavy-duty, heat-treated carbon steel and are coated for rust resistance.

JackJaw® 534 (1-3/4" to 2-1/4")
24389 | \$901.37



The JackJaw® 534 (1-3/4" to 2-1/4") is used primarily with the Gas Powered Core Sampling Kit. The sturdy lever arm gives you a 28 to 1 mechanical advantage. A 100 lb. down force on the handle generates a 2800 lb. upward force and a 5600 lb. gripping force on the post. The mechanical advantage of the puller is 20 to 1 when the handle is retracted.

1-1/16" X 33" w/ 7/16" Hex Shank
Flighted Auger w/ Carbide Tip
214.46 | \$229.30



Visit our website for additional options!

Sampling Accessories



#2 Stainless Steel Scoop
w/ Rubber Grip
427.82 | \$35.53

#3 Stainless Steel Scoop
w/ Rubber Grip
427.83 | \$35.53

#12 Stainless Steel Scoop
w/ Rubber Grip
427.86 | \$40.60



#3 Stainless Steel Scoop
428.03 | \$32.80

#6 Stainless Steel Scoop
428.04 | \$32.80



Idaho Spoon
55647 | \$33.08

Visit our website for additional options!

Echo EDR-260
(Reversible Drill)
213.86 | \$599.99



Echo EA-410 Drill
213.83 | \$857.99



Lightweight, 2-cycle gas-powered drills make drilling boreholes a cinch. They combine the convenience of a cordless drill with the features of a heavy-duty drill. The EDR-260 model has a 1/2" chuck. The EA-410 model uses an EA-410 adapter.



Gas Powered REDI Boss
Hammer w/ 3-1/8" Barrell
213.93 | \$2,408.51

DeWalt 120V 2" SDS Max
Combination Hammer Drill
213.94 | \$1,848.95



DeWalt 60V 2" SDS Max
Combination Rotary Hammer Drill
213.98 | \$1,979.50



These drills offer a lot of power for heavy-duty applications. Rotary hammer drills can be used to penetrate asphalt and concrete and have both rotary and hammering capabilities.

Sludge & Sediment Samplers



2" Multi-Stage Sludge & Sediment Sampler Kit, Hex Quick Pin
58570 | \$2,282.18

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



5 lb. Stainless Steel Sand & Silt Dredge
445.70 | \$337.60

The 5 lb. Stainless Steel Sand & Silt Dredge is great for grab sampling sand or silt. Nominal bucket dimensions are 6in wide X 3in height X 7.5in deep with an approximate sampling footprint of 45 square inches. It is designed with a trigger mechanism that holds the sampler open until it contacts the surface being sampled. Raising the dredge closes the scissor jaws to collect the sample. It is constructed of 300 series stainless steel.



25 lb. Stainless Steel Bottom Dredge
445.60 | \$765.70

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



Ekman Dredge
445.11 | \$647.51

The Ekman Dredge is great for collecting sludge and sediment samples. Nominal bucket dimensions are 6in wide X 6in height X 6in deep with an approximate sampling footprint of 36 square inches.



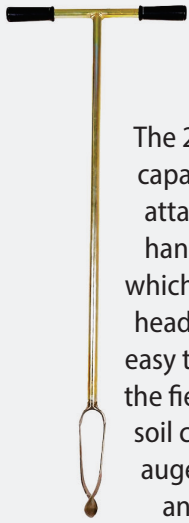
1-1/4" X 40" Gouge Auger,
5/8" Thread
54545 | \$334.71



2-1/2" X 40" Gouge Auger,
5/8" Thread
53764 | \$529.19

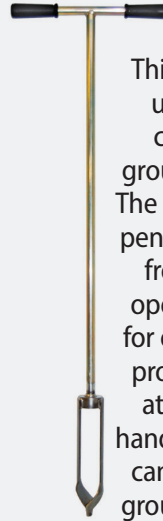
Gouge augers are designed for sampling wet clay and peat. They have a long, tapered stainless steel, semi-cylindrical chamber that is perfect for collecting undisturbed samples from very soft, wet soils while minimizing disturbance to any soft cohesive layers. When a gouge auger is pushed into the soil, twisted, and recovered, it can completely display a full and virtually undisturbed soil profile of peaty soil. Gouge augers are made of stainless steel. If necessary, use a slide hammer to push the auger into the soil and to help pull it out.

Soil Augers



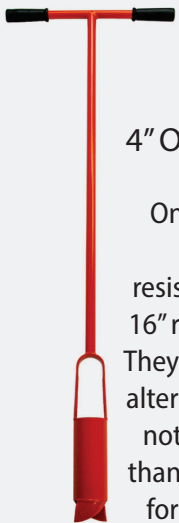
2" X 3' One-Piece Dutch Auger
400.79 | \$237.25

The 2" X 3' One-Piece Dutch Auger is capable of augering down to 3'. The attached 16" rubber-gripped cross handle is welded to the steel shaft which is also welded to a dutch auger head. It is versatile, lightweight, and easy to use. It requires no assembly in the field and works well in a variety of soil conditions. The one-piece dutch auger is made of high-carbon steel and gold zinc-plated chromoly.



2-1/2" One-Piece Open-Face Auger
400.54 | \$261.01

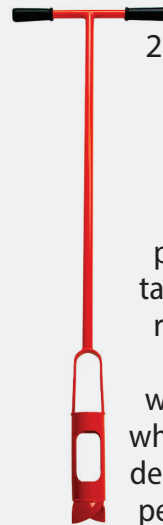
This thick, one-piece design, with its unique, hand-formed aggressive cutting head, pulls itself into the ground with little effort from the user. The one-piece open-face auger quickly penetrates through combination soils, from mud or clay to hard pan. The open-face design is especially useful for obtaining quick visual profiles and provides for easy soil extraction. The attached 16" rubber-gripped cross handle gives it a total length of 48" and can be used to auger to 3' below the ground surface. It is made of gold zinc plated chromoly.



2-3/4" One-Piece Regular Auger
400.48 | \$195.81

4" One-Piece Regular Auger
400.46 | \$195.81

One-piece regular augers are powder-coated for rust-resistance and have an attached 16" rubber-gripped cross handle. They are inexpensive, lightweight alternatives for anyone who does not need to bore holes deeper than 4'. The 4" models are perfect for quickly digging post holes because they eliminate the back and shoulder jarring caused by traditional post-hole diggers. They are made of powder-coated chromoly, carbon steel, and stainless steel. They are 53" in length.



2-3/4" One-Piece Mud Auger
400.49 | \$202.47

4" One-Piece Mud Auger
400.47 | \$202.47

One-piece mud augers are powder-coated for rust-resistance and have an attached 16" rubber-gripped cross handle. They are inexpensive, lightweight alternatives for anyone who does not need to bore holes deeper than 4'. The 4" models are perfect for quickly digging post holes because they eliminate the back and shoulder jarring caused by traditional post-hole diggers. They are made of powder-coated chromoly, carbon steel, and stainless steel. They are 53" in length.

Visit our website for additional options!

Soil Gas Samplers



Gas Vapor Probe Dedicated Tip w/
Fluoropolymer Umbrella
211.00 | \$22.37

Gas Vapor Probe Dedicated Tips are installed as long-term sampling points or left in the ground as expendable points.



Gas Vapor Probe Kit w/ Dedicated
Tips & Retract-A-Tip w/ SDS Max
Combination Hammer Drill
209.86 | \$4,603.84

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



Gas Vapor Probe Kit w/ Dedicated
Tips & Retract-A-Tip w/ No Drill
209.16 | \$3,141.36



Original Gas Vapor Probe Kit
427.01 | \$432.07

Easily and economically sample soil gas vapors at shallow depths for preliminary testing. The 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 Gas Vapor Retract-A-Tip
210.01 | \$285.90

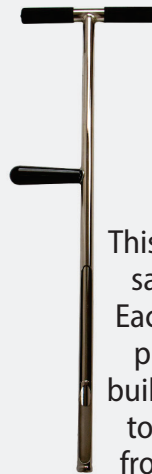
Gas Vapor Probe Retract-A-Tips are drove into the soil and opened for sample extraction.

Soil Probes



Compacted Soil Sampler
58080 | \$395.90

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



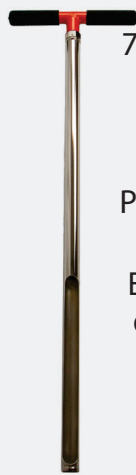
7/8" X 33" EZ Eject Soil Probe

401.38 | \$204.51

1-1/8" X 33" EZ Eject Soil Probe

401.39 | \$248.64

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 slit and even through the tip of the probe.



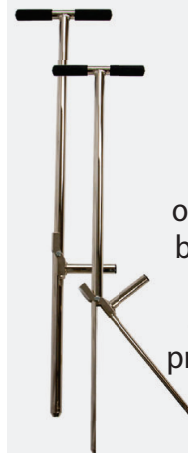
7/8" X 33" EZ Kleen Soil Probe w/ Handle, 5/8" Thread

401.36 | \$119.65

1-1/8" X 33" EZ Kleen Soil Probe w/ Handle, 5/8" Thread

401.37 | \$162.70

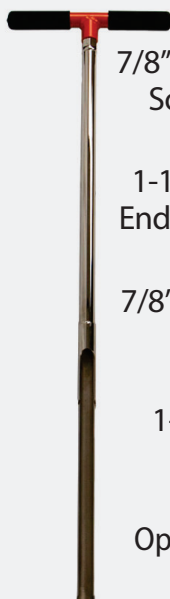
EZ kleen soil probes have been designed to facilitate easy soil core extraction. Unlike standard slotted soil probes; the ez kleen soil probe has a specialized heat treated tip designed to reduce friction as the soil enters the probe body.



40" Plated One-Piece Gator Probe

401.45 | \$242.46

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 end" soil probe, providing easy access to the entire soil core.



7/8" X 33" Plated Reinforced Open End Soil Probe w/ Handle, 5/8" Thread

401.211 | \$166.32

1-1/8" X 33" Plated Reinforced Open End Soil Probe w/ Handle, 5/8" Thread

401.101 | \$212.51

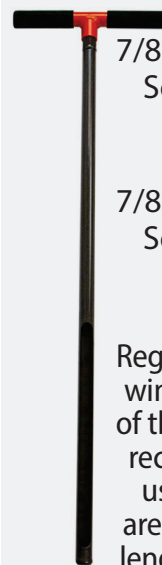
7/8" X 33" Plated Open End Soil Probe w/ Handle, 5/8" Thread

401.21 | \$144.44

1-1/8" X 33" Plated Open End Soil Probe w/ Handle, 5/8" Thread

401.10 | \$180.99

Open End Soil Probes collect shallow samples that are 15" in length.



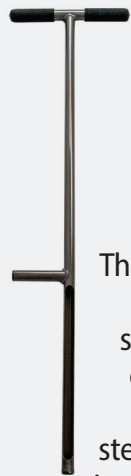
7/8" X 21" Powder Coated Soil Probe w/ Handle, 5/8" Thread

401.022 | \$67.60

7/8" X 33" Powder Coated Soil Probe w/ Handle, 5/8" Thread

401.012 | \$83.78

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.



40" Powder Coated
One-Piece Step Probe
401.422 | \$101.12

40" Plated One-Piece
Step Probe
401.42 | \$106.80

The step probe is the fastest and easiest way to take 12" soil samples 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 5/8" diameter sample.



1" X 36" Plated Replaceable
Tip Soil Probe w/ Handle,
5/8" Thread
425.50 | \$165.45

1" X 36" Plated Replaceable
Tip Soil Probe (24" Window)
w/ Handle, 5/8" Thread
425.52 | \$185.91

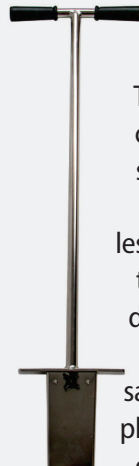
The replaceable tip soil probe is rugged, durable, and economical. It is made of a heavy 4130 alloy steel, chrome plated, and fitted with a removable, heat treated tip for durability and ease of replacement.



1-1/4" X 24" Stainless Steel
Replaceable Tip Sand Probe
w/ Handle, 5/8" Thread
424.37 | \$241.03

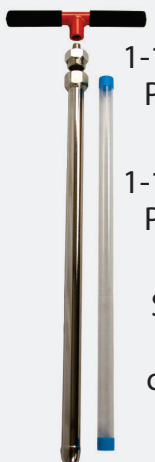
1-1/4" X 36" Stainless Steel
Replaceable Tip Sand Probe
w/ Handle, 5/8" Thread
424.39 | \$294.24

These probes are ideal for obtaining unconsolidated soil samples in 1" X 24" and 36" plastic liner.



One-Piece Soil Profiler
427.75 | \$237.63

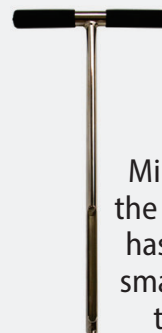
The One-Piece Soil Profiler is used to collect a replaceable wedge-shaped sample of your turf and grass in one easy step. The one-piece all stainless-steel sampler collects a turf sample that is 3-1/4" wide, 5/8" thick, and 7" deep. The sample may be replaced or properly prepared for analysis. This sampler is provided with a detachable plate for easy sample removal. Soft soil conditions are ideal for soil profilers.



1-1/8" X 12" Plated Soil Recovery
Probe w/ Handle, 5/8" Thread
424.03 | \$218.93

1-1/8" X 24" Plated Soil Recovery
Probe w/ Handle, 5/8" Thread
424.07 | \$236.15

Soil Recovery Probes allow the use of a liner for sample collection, and they feature the Reach-&-Grab system.



20" Plated One-Piece
Turf Probe
427.24 | \$96.98

Minimize damage to turf with the small diameter Turf Probe. It has been designed to collect a small 5/8" X 7" soil sample from turf, sod, or grassed areas.

Visit our website for additional options!

Soil Sensors



HydraGO
70046 | \$2,027.65

HydraGO FLEX
70045 | \$2,241.65

HydraGO FLEX represents the most advanced portable soil sensor system. Simply insert the probe into the soil, and tap on the “Sample” button in the HydraGO app. The HydraGO FLEX communicates wirelessly with your smartphone or tablet using Bluetooth. The HydraGO App works with the HydraGO FLEX and is available for both Android and iOS.

The customizable display can show the measurement parameters including; soil moisture content, temperature, conductivity, pore water EC, GPS, and dielectric permittivities on-screen for immediate viewing. The GPS location, date and time of each measurement is recorded along with the soil measurement data. All data can be saved and emailed as a .CSV file for analysis in Excel. Field notes and customizable locations can also be added and exported to the data set.

The HydraGO FLEX system features a rugged, Delran housing that contains a rechargeable battery. The internal battery will last for long field sessions with repeated and frequent data samplings. It has a detachable cabled probe that can be buried and left in the field. The cabled probe allows the user to collect data down a narrow-augured bore hole. The HydraGO FLEX comes with a fanny pack and brush for easy on-the-go measurements.

The HydraGO FLEX utilizes the HydraProbe Soil Sensor technology for the soil measurements. The HydraProbe is an impedance-based sensor that fully characterizes the radio frequency energy distribution of a standing wave in the soil measuring both the real and “imaginary” dielectric permittivities. This provides excellent accuracy and precision of the soil measurements across a wide range of soil types.

Well Management & Systems



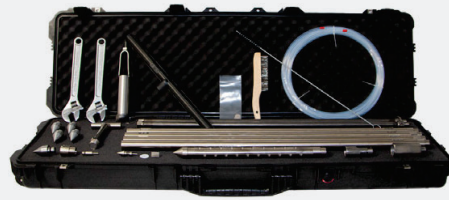
1-3/4" X 3' Tapered Top Stainless Steel Bottom Fill Bailer

451.00 | \$180.33

1-3/4" X 3' Stainless Steel Top Fill Bailer

2100.39 | \$243.96

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



Stainless Steel Piezometer Groundwater Sampling Kit
209.20 | \$2,936.27

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



Water Level Meter w/ 5/8" Probe & 100' Tape
3012.66 | \$691.22

Water Level Meter w/ 5/8" Probe & 300' Tape
3012.68 | \$1,023.99

Water Level Meters provide reliable and accurate measurements of groundwater levels.

Visit our website for additional options!

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



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



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



PowerProbes™



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.



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™ 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.

PowerProbes™: AgProbes



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.



9110 Ag Probe TR

The 9110 Ag-Probe Tractor (TR) can be mounted on most standard quick and three-point hitch tractors that meet the required weight and horsepower limits. Attaching or detaching this rig can be done with minimal work and downtime.



Visit our website for additional models!

Agricultural
Geotechnical
Environmental
Groundwater

