



SOIL & GROUNDWATER

Sampling Equipment



TABLE OF CONTENTS

Table of Contents

SIGNATURE SERIES EQUIPMENT

Signature Series Augers	Pg. 02
Signature Series Auger Accessories	Pg. 05
Signature Series Core Sampler	Pg. 06
Signature Series Sampling Kits	Pg. 08

HAND AUGERS & ACCESSORIES

Connection Types	Pg. 10
Regular Auger	Pg. 12
Sand Auger	Pg. 13
Mud Auger	Pg. 14
Clay Augers	Pg. 15
Dutch Auger	Pg. 16
Flighted Screw Auger	Pg. 16
Planer Auger	Pg. 17
Rock Breaker	Pg. 17

SPECIALTY AUGERS & ACCESSORIES

Soil Recovery Auger	Pg. 18
Telescoping Auger	Pg. 22
Auger Accessories	Pg. 23

FLIGHTED AUGERS & ACCESSORIES

Heavy-Duty Flighted Auger Line	Pg. 26
Professional Flighted Auger Line	Pg. 27
Rocky Soil Augers	Pg. 27
Drill Adapters	Pg. 28
Drills	Pg. 29
Echo Gas Drill Accessories	Pg. 29

CORE SOIL SAMPLERS

Core Sampler	Pg. 31
Multi-Stage Core Sampler	Pg. 35
Split Core Sampler	Pg. 36
Sludge Sampler	Pg. 40
Multi-Stage Sludge Sampler	Pg. 42
Split Core Valved Sampler	Pg. 42
Discrete Sampler	Pg. 43
Screw Type Drum Sampler	Pg. 43

SOIL PROBES

Regular Soil Probe	Pg. 47
Soil Recovery Probe	Pg. 48
Dual-Purpose Soil Recovery Probe	Pg. 50
Replaceable Tip Soil Probes	Pg. 52

SPECIALTY PROBES

Turf Probe	Pg. 53
Brown Moisture Probe	Pg. 53
Tile Probe	Pg. 54
Soil Profiler	Pg. 56
Step Probe	Pg. 56
Open End Soil Probe	Pg. 57
Trier Probe	Pg. 57

SAMPLING KITS

Soil Sampling Mini Kits	Pg. 58
Basic Soil Sampling Kits	Pg. 61
Environmental Soil Sampling Kits	Pg. 62
Core Sampling Mini Kits	Pg. 63
Flighted Auger Kits	Pg. 64
Hollowstem Auger Kits	Pg. 65
Gas Vapor Tips	Pg. 67
GVP Kits	Pg. 69
Heavy-Duty GVP Kits	Pg. 70
Original GVP Kit	Pg. 72

SAMPLING ACCESSORIES

Cross Handles	Pg. 74
Extensions	Pg. 75
Slide Hammers	Pg. 76
Kit Cases	Pg. 76
Cleaning Brushes	Pg. 77
Adjustable Wrenches	Pg. 77
Slip Wrenches	Pg. 77
Core Bits	Pg. 78
Concrete Bits	Pg. 78
Drills	Pg. 79
Drill Adapters	Pg. 79
Munsell Color Charts	Pg. 80
Pipe Elevators	Pg. 80
Vacuum Pumps	Pg. 81
Liners	Pg. 82
Liner End Caps	Pg. 84
End Cap Inserts	Pg. 84
Core Catchers	Pg. 84
Fluoropolymer Film	Pg. 85
Fluoropolymer Tubing	Pg. 85
Soil Testing Sieves	Pg. 85

SCOOPS & SHOVELS

Shovels	Pg. 86
Scoops	Pg. 87

LIQUID SAMPLERS

Direct Fill Drum & Tank Sampler	Pg. 88
Discrete Liquid Sampler	Pg. 89
Bottom Dredges	Pg. 90
Bailers	Pg. 91
Instrumentation	Pg. 93
SBS System	Pg. 93

POWER EQUIPMENT

PowerProbes	Pg. 94
PowerProbe Tooling	Pg. 96
Well Management	Pg. 100
PowerCore	Pg. 104

INFORMATION

Terms & Conditions	Pg. 105
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The BEGINNING

Art Vollweiler opened the doors of Arts Machine Shop over 60 years ago and following a simple philosophy, created the cornerstone from which growth and development has exploded. Simply put, Art's core philosophy can be summed up as, "Everything is a Work of Art." Art recognized that every product that left his shop was a direct reflection on him, so every design was developed with purpose and longevity in mind.

The AMS product line grew as Art's reputation for innovation grew. When the Soil Conservation Service of the United States government asked Art to develop a tool for sampling soil, Art took the task seriously. The auger design from that project is still in use today. True to form, the innovation and forethought didn't stop there. Over the next few years, a complete line of hand sampling equipment, including augers, hammer-driven samplers, specialty shovels and accessory items, were developed.



The VISION

With the cornerstone firmly planted, the company was ready for growth. In 1980, Art's son, Rick joined the company. Recognizing that the future was in the global market, Rick expanded the vision from a successful local business, to a major, global competitor. With an aggressive marketing plan and an expanded product line, the company grew to more than 20 times its original size.

Now recognized as AMS Inc., and manufacturing a variety of soil sample tooling and equipment, including, hand sampling tools, a dual tube sampling system, portable groundwater monitoring systems, and the powerful, world-renowned PowerProbe™ direct push system. AMS is still driven by the simple philosophy that each product is a "Work of Art." Each piece of AMS equipment is custom-built and exhaustively tested by our highly qualified employees, to meet the customer's exact needs and specifications. Our diligent efforts to provide a quality product...a "Work of Art"... combined with a strong commitment to technological improvements of the AMS product line and an even greater commitment to customer service, has solidified AMS Inc. as a major manufacturer in the global environmental industry.



The LEGACY

With a firm footing in the environmental industry, AMS Inc. has taken steps to expand into other areas, including, health, mining and agricultural industries, and has developed innovative ways to assist golf courses, railroads, real estate companies and universities. With each new step, we are reminded of the need to stay true to our founding philosophy...to not simply develop an ordinary product, but rather, a "Work of Art!"

Today we are finding better ways to do our jobs with lesser impacts on our environment. We are developing partnerships that enhance our technologies. We are ensuring that our employees have what they need to do the jobs we set before them. And we are constantly reminding ourselves that at AMS "YOU, the customer, are our most important asset."

As we strive to meet our goals, we recognize that AMS is here for the long haul. The addition of Art's grandsons, Troy and Marc, to the management team in 2002, has given AMS the ability to respond quickly to the changing industry demands. Each brings targeted strength to the table and each looks forward to carrying on their grandfather's legacy!

Our COMMITMENT

We take pride in the care we provide each of our customers and will always welcome your suggestions for special or custom products that will satisfy your specific need. You, the customer, are our greatest asset, and we commit to you to provide nothing less than a "Work of Art!"



SIGNATURE SERIES

AMS is known as a world leader in hand sampling equipment and recognized for innovative, high quality products. Designed to maximize the efficiency of the popular AMS line of hand sampling tools, the AMS Signature Series line offers the most advantageous hand sampling tools available from AMS.

The Finely Engineered Design of the Signature Series Augers Allows for Less Friction and Easier Augering

Designed to provide access to soil, soil-gas and groundwater as well as to collect disturbed samples in unconsolidated materials. The Signature Series offers a specially crafted auger design, including an advanced cutting bit with a more aggressive curve to allow for faster, deeper cuts as well as an extra long cylinder, which holds more soil than the standard line of AMS augers.

Features Include:

- **Cylinder Modifications which Hold 10% More Soil**
- **A Sleek, Easy to use Design, with Stronger Welds that Resist Twisting in Very Hard Soils. The Elimination of Rough Surfaces Makes for Easier Decontamination and Reduces Cross Contamination**
- **A Unique, Thread Design Allows Connection and Disassembly with 1½ Turns as Compared to the Standard 7 to 8 Turns. The Thicker, More Durable Thread Can Withstand Tough Use While Eliminating the Galling of Threads**
- **A More Aggressive Cutting Bit**
- **A Rounded Bail Design, Speeds up the Augering Process**
- **A Longer Cross Handle, which Allows the User to Apply More Torque to the Auger for those Really Hard Soils**
- **Rust Resistant Extensions, Coated with a Yellow Zinc Plating**
- **Rubber Coated Cross Handles for Increased Operator Comfort**

Application of Product:

The AMS auger is advanced into the soil by manually turning the cross handle while pressing down. Depth can be increased with the use of AMS extensions. Known for their speed and ease of use, the AMS augers can penetrate down 5' in minutes, even in very hard soils. With a variety of bits to choose from, your needs are sure to be met. AMS extensions and cross handles are required for proper use, sold separately.

Construction Materials:

With the exception of the Dutch auger, each auger has high carbon steel bits with tungsten carbide hard surface edges, a stainless steel cylinder, and a carbon steel bail. The Dutch auger is made of carbon steel.



Signature Series REGULAR AUGERS

Designed for Use in Ordinary Soils. This Auger is the Most Versatile Auger in the AMS Line

Auger bits have been designed to cut, rather than tear, through the soil.

Part #	Description	Weight	Price
Signature Series REGULAR AUGERS			
350.05	4" Signature Series Regular Auger	3.45 lb	\$ 134.00
350.06	3 ¼" Signature Series Regular Auger	2.56 lb	\$ 122.00
350.07	2 ¾" Signature Series Regular Auger	2.06 lb	\$ 134.00
350.08	2 ¼" Signature Series Regular Auger	1.64 lb	\$ 139.00

Available In Four Different Sizes

**Signature Series MUD AUGERS**

Laser-cut, Open Cylinder Design for Easy Removal of Heavy, Wet, or Clay Soils

A specially designed bit allows for rapid augering in highly saturated, sticky, expanding soils.

Part #	Description	Weight	Price
Signature Series MUD AUGERS			
350.17	4" Signature Series Mud Auger	3.21 lb	\$ 173.00
350.18	3 ¼" Signature Series Mud Auger	1.59 lb	\$ 146.00
350.19	2 ¾" Signature Series Mud Auger	1.88 lb	\$ 154.00
350.20	2 ¼" Signature Series Mud Auger	1.59 lb	\$ 156.00

Available In Four Different Sizes



Signature Series **SAND AUGERS**

Designed for Use in Extremely Dry, Sandy Soils

Specially formed bits retain loose sand samples.

Part #	Description	Weight	Price
Signature Series SAND AUGERS			
350.39	4" Signature Series Sand Auger	3.45 lb	\$ 152.00
350.40	3 1/4" Signature Series Sand Auger	2.56 lb	\$ 147.00
350.41	2 3/4" Signature Series Sand Auger	2.06 lb	\$ 149.00
350.42	2 1/4" Signature Series Sand Auger	1.64 lb	\$ 151.00

Available In Four Different Sizes



Signature Series **DUTCH AUGERS**

Easily Collect Disturbed Samples in Heavily Rooted Areas

Hand forged from high-carbon steel, and honed to a fine cutting edge, this auger will cut through highly fibrous and heavily rooted soil. Excellent for use in fibrous areas such as, vineyards and orchards.

Part #	Description	Weight	Price
Signature Series DUTCH AUGERS			
350.59	3" Signature Series Dutch Auger	1.29 lb	\$ 168.00
350.61	2" Signature Series Dutch Auger	.95 lb	\$ 168.00

Available In Two Different Sizes



Signature Series **ADAPTERS**

Add Versatility to the AMS Augers

Easily adapt your current 5/8" N.C. (National Coarse) or Quick Connect connections to the all new signature series product line.

Part #	Description	Weight	Price
Signature Series ADAPTERS			
351.90	5/8" Male Thread to Signature Series Female Adapter	.80 lb	\$ 42.00
351.91	5/8" Female Thread to Signature Series Male Adapter	.80 lb	\$ 42.00
351.94	Quick Connect Male Thread to Signature Series Female Adapter	.80 lb	\$ 42.00
351.95	Quick Connect Female to Signature Series Male Adapter	.80 lb	\$ 42.00

Signature Series **CROSS HANDLES***A Longer Cross Handle Means Less Effort!*

Made of 4130-chrome molybdenum steel and rubber coated for comfort and safety, the remarkable 18" long AMS cross handles has been specifically designed to increase the efficiency of the AMS Signature Series augers. An AMS ratchet cross handle is also available, designed to reduce operator fatigue.

Part #	Description	Weight	Price
Signature Series CROSS HANDLES			
351.54	Signature Series Rubber-coated Cross Handle	1.04 lb	\$ 36.00
351.56	18" Signature Series Ratcheting Cross Handle	2.40 lb	\$ 102.00

Signature Series **SLIDE HAMMERS***Designed with Safety and Longevity in Mind*

Rubber coated, sliding steel handle reduces operator fatigue. Pounds down for easy penetration, up for soil extraction.

Part #	Description	Weight	Price
Signature Series SLIDE HAMMERS			
350.93	Signature Series Heavy-duty Slide Hammer	18.90 lb	\$ 214.00
350.99	Signature Series Regular Slide Hammer	10.22 lb	\$ 152.00
350.96	Signature Series Compact Slide Hammer	6.00 lb	\$ 143.00

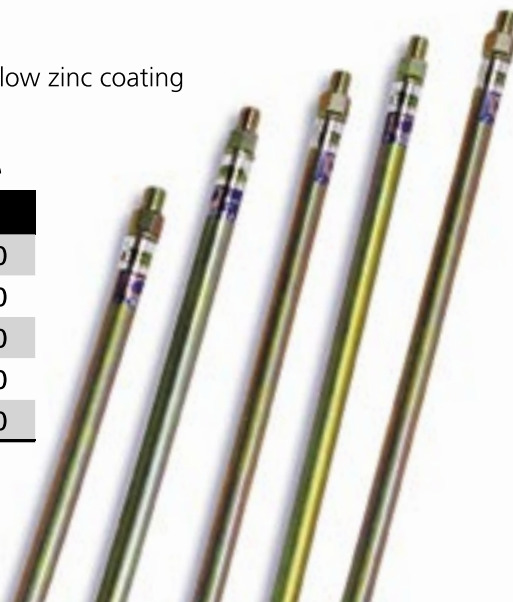
Available In Three Different Weights

Signature Series **EXTENSIONS***Developed to Enhance the Signature Series Line*

Made from 4130-chrome molybdenum steel and plated with a yellow zinc coating for added rust resistance and increased longevity.

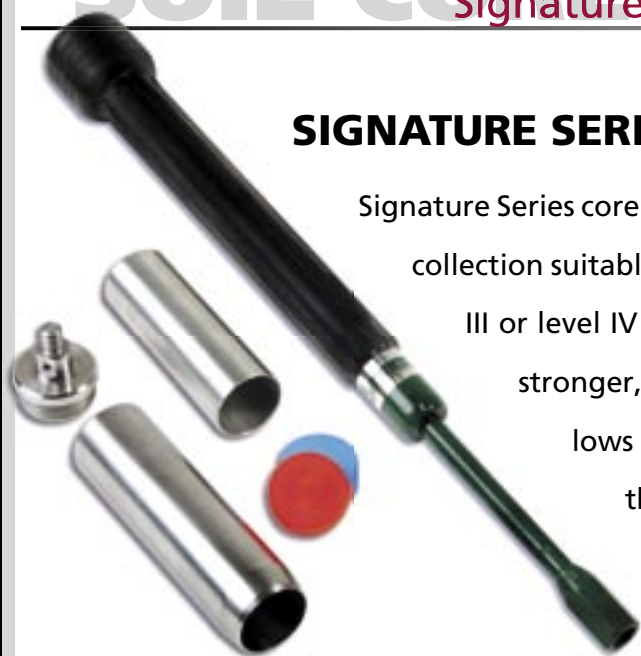
Part #	Description	Weight	Price
Signature Series EXTENSIONS			
351.00	1' Signature Series Extension	.75 lb	\$ 57.00
351.01	2' Signature Series Extension	1.16 lb	\$ 59.00
351.02	3' Signature Series Extension	1.63 lb	\$ 61.50
351.03	4' Signature Series Extension	1.66 lb	\$ 64.50
351.04	5' Signature Series Extension	2.40 lb	\$ 66.50

Available In Five Different Lengths



SIGNATURE SERIES SOIL CORE SAMPLERS

Signature Series core & split core samplers are ideal for high quality sample collection suitable for geotechnical and chemical analysis for EPA level III or level IV for all types of contaminants. Both samplers feature stronger, smoother welds, and unique thread design which allows for easier connection and disassembly and eliminates the galling of threads. Stainless steel models allow for acid bath decontamination.



Signature Series **CORE SAMPLER**

Recover High Quality, Self-contained, Undisturbed Samples Simply and Easily

Accurate samples can be taken from either the surface or from the bottom of pre-augered bore holes. Removable plastic liners maintain high sample integrity. Comes complete with a Signature Series core sampler, Signature Series slide hammer, liner and plastic end caps.

Application of Product

Advancement of the core tip into the soil is enhanced with the use of the Signature Series extensions and Signature Series slide hammer, sold separately. Extend the range of depth by using in a pre-augered hole.

See Page 30 for more application information

Part #	Description	Weight	Price
Signature Series CORE SAMPLER & SLIDE HAMMER			
354.26	2"x 6" Sig. Series Core Sampler & Slide Hammer	13.08 lb	\$ 309.00
354.25	1½"x 6" Sig. Series Core Sampler & Slide Hammer	12.29 lb	\$ 325.00
Part #	Description	Weight	Price
Signature Series CUP & CAP			
345.16	2"x 6" Sig. Series Core Sampler Cup & Cap	2.87 lb	\$ 215.00
354.15	1½"x 6" Sig. Series Core Sampler Cup & Cap	2.08 lb	\$ 241.00
Part #	Description	Weight	Price
Signature Series CAP			
354.02	2" Signature Series Core Sampler Cap	1.17 lb	\$ 119.00
354.03	2 ½" Signature Series Core Sampler Cap	1.68 lb	\$ 124.00
354.04	3" Signature Series Core Sampler Cap	2.35 lb	\$ 140.00
Signature Series CUP			
404.40	1 ½" x 6" Signature Series Core Sampler Cup	1.19 lb	\$ 180.00
404.35	2" x 6" Signature Series Core Sampler Cup	1.48 lb	\$ 155.00
404.42	2 ½" x 6" Signature Series Core Sampler Cup	1.93 lb	\$ 184.00
404.46	3" x 6" Signature Series Core Sampler Cup	2.34 lb	\$ 203.00

Signature Series **SPLIT CORE SAMPLERS**

The Most Versatile Core Sampler by Far!

This core sampler was designed with a vertically split cylinder that allows easy extraction of the soil core from the liner and prevents breakage of the core. Use it without a liner to collect undisturbed cores for immediate field examination and testing. Or it can be used with a liner for collection of undisturbed, sealed cores suitable for EPA level III or Level IV analysis.



Part #	Description	Weight	Price
Signature Series SPLIT CORE SAMPLER with CORE & AUGER TIPS			
355.63	2 1/2"x 12" Signature Series Split Core Sampler w/Both Tips	8.00 lb	\$ 653.00
355.62	2"x 12" Signature Series Split Core Sampler w/Both Tips	10.50 lb	\$ 653.00
355.52	2"x 6" Signature Series Split Core Sampler w/Both Tips	7.00 lb	\$ 596.00
355.61	1 3/8" x 12" Signature Series Split Core Sampler w/Both Tips	8.00 lb	\$ 647.00
355.51	1 3/8" x 6" Signature Series Split Core Sampler w/Both Tips	5.00 lb	\$ 588.00

Part #	Description	Weight	Price
Signature Series SPLIT CORE SAMPLER with CORE TIP			
355.33	2 1/2"x 12" Signature Series Split Core Sampler with Core Tip	7.30 lb	\$ 497.00
355.42	2 1/2"x 6" Signature Series Split Core Sampler with Core Tip	9.50 lb	\$ 497.00
355.43	2"x 12" Signature Series Split Core Sampler with Core Tip	11.00 lb	\$ 523.00
355.32	2"x 6" Signature Series Split Core Sampler with Core Tip	6.00 lb	\$ 464.00
355.41	1 3/8"x 12" Signature Series Split Core Sampler with Core Tip	7.50 lb	\$ 491.00
355.31	1 3/8"x 6" Signature Series Split Core Sampler with Core Tip	4.00 lb	\$ 458.00

Part #	Description	Weight	Price
Signature Series SPLIT CORE SAMPLER with AUGER TIP			
355.23	2 1/2"x 12" Signature Series Split Core Sampler with Auger Tip	11.00 lb	\$ 560.00
355.13	2 1/2"x 6" Signature Series Split Core Sampler with Auger Tip	7.30 lb	\$ 535.00
355.22	2"x 12" Signature Series Split Core Sampler with Auger Tip	9.50 lb	\$ 535.00
355.12	2"x 6" Signature Series Split Core Sampler with Auger Tip	6.00 lb	\$ 505.00
355.21	1 3/8" x 12" Signature Series Split Core Sampler with Auger Tip	7.50 lb	\$ 529.00
355.11	1 3/8" x 6" Signature Series Split Core Sampler with Auger Tip	4.00 lb	\$ 497.00

Part #	Description	Weight	Price
Signature Series SPLIT CORE SAMPLER ACCESSORIES			
355.03	2 1/2" Signature Series Split Core Cap	.40 lb	\$ 125.00
355.02	2" Signature Series Split Core Cap	.30 lb	\$ 118.00
355.01	1 3/8" Signature Series Split Core Cap	.25 lb	\$ 115.00

SIGNATURE SERIES SOIL SAMPLING KITS

AMS has developed a series of Signature Series Soil Sampling Kits designed to simplify the sampling process.

Kits Includes:

- Regular Auger
- Mud Auger
- Extensions
- Cross Handle
- Carrying Case



Available with Either 12' or 16' of Extensions

Signature Series **MINI SOIL SAMPLING KITS**

The Perfect Kit for Auger Sampling!

Compact and economical, the kit comes complete in a soft Poly-Canvas case for easy storage. Available in two sizes. Each kit is sized by the diameter of the augers and length of the extension in the kit.

Part #	Description	Weight	Price
Signature Series 3 1/4" MINI SOIL SAMPLING KIT with 3' EXTENSIONS			
352.73	3 1/4" Signature Series Mini Soil Sampling Kit with 3' Extensions	14.00 lb	\$ 606.00
<i>Kit Includes:</i>			
350.06	3 1/4" Signature Series Regular Auger	1.70 lb	\$ 122.00
350.18	3 1/4" Signature Series Mud Auger	1.59 lb	\$ 146.00
351.02	3' Signature Series Extensions (4)	1.63 lb ea.	\$ 61.50
351.54	Signature Series Rubber-coated Cross Handle	1.04 lb	\$ 36.00
430.31	Signature Series Polycanvas Case	2.00 lb	\$ 87.50
Part #	Description	Weight	Price
Signature Series 3 1/4" MINI SOIL SAMPLING KIT with 4' EXTENSIONS			
352.74	3 1/4" Signature Series Mini Soil Sampling Kit with 4' Extensions	14.00 lb	\$ 616.00
<i>Kit Includes:</i>			
350.06	3 1/4" Signature Series Regular Auger	1.70 lb	\$ 122.00
350.18	3 1/4" Signature Series Mud Auger	1.59 lb	\$ 146.00
351.03	4' Signature Series Extensions (4)	1.66 lb ea.	\$ 64.50
351.54	Signature Series Rubber-coated Cross Handle	1.04 lb	\$ 36.00
430.31	Signature Series Polycanvas Case	2.00 lb	\$ 87.50

Signature Series BASIC SOIL SAMPLING KITS

Everything You Need for Sample Collection in a Variety of Soils

The contents are packaged in a convenient reinforced carrying case with wheels and handle. Included in the kit are twelve feet of rust resistant Signature Series extensions, a rubber coated Signature Series cross handle and all other necessary tools used for assembly and disassembly of the equipment. A Signature Series core sampler and Signature Series slide hammer have also been included for collection of a discrete, undisturbed soil sample.



Kits Available in Two Sizes

Part #	Description	Weight	Price
Signature Series 2 1/4" BASIC SOIL SAMPLING KIT			
352.53	2 1/4" Signature Series Basic Soil Sampling Kit	56 lb	\$ 1335.00
<i>Kit Includes:</i>			
350.08	2 1/4" Signature Series Regular Auger	1.64 lb	\$ 139.00
350.20	2 1/4" Signature Series Mud Auger	1.59 lb	\$ 156.00
350.42	2 1/4" Signature Series Sand Auger	1.64 lb	\$ 151.00
351.03	4' Signature Series Extensions (3)	1.66 lb ea.	\$ 64.50
351.54	Signature Series Rubber-coated Cross Handle	1.04 lb	\$ 36.00
354.25	1 1/2" x 6" Signature Series Core Sampler w/Hammer	12.29 lb	\$ 325.00
421.10	Crescent Wrench	1.70 lb	\$ 32.00
421.29	Slip Wrench (2)	1.24 lb ea.	\$ 33.00
430.07	Nylon Brush (2)	.20 lb	\$ 12.00
430.01	Reinforced Case	28.91 lb	\$ 267.00
Part #	Description	Weight	Price
Signature Series 3 1/4" BASIC SOIL SAMPLING KIT			
352.51	3 1/4" Signature Series Basic Soil Sampling Kit	60 lb	\$ 1291.00
<i>Kit Includes:</i>			
350.06	3 1/4" Signature Series Regular Auger	1.70 lb	\$ 122.00
350.18	3 1/4" Signature Series Mud Auger	1.59 lb	\$ 146.00
350.40	3 1/4" Signature Series Sand Auger	2.56 lb	\$ 147.00
351.03	4' Signature Series Extensions (3)	1.66 lb ea.	\$ 64.50
351.54	Signature Series Rubber-coated Cross Handle	1.04 lb	\$ 36.00
354.26	2" x 6" Signature Series Core Sampler w/Hammer	13.08 lb	\$ 309.00
421.10	Crescent Wrench	1.70 lb	\$ 32.00
421.29	Slip Wrench (2)	1.24 lb ea.	\$ 33.00
430.07	Nylon Brush (2)	.20 lb	\$ 12.00
430.01	Reinforced Case	28.91 lb	\$ 267.00

CHOOSE YOUR OWN CONNECTION!

AMS hand sampling products, including augers, core samplers, sludge samplers, and soil probes, are built to accommodate extensions, cross handles and, with the exception of augers, the powerful AMS slide hammer. AMS offers you the choice of two different connections to create the tool most beneficial to you. Each connection has specific features and benefits, explained below.

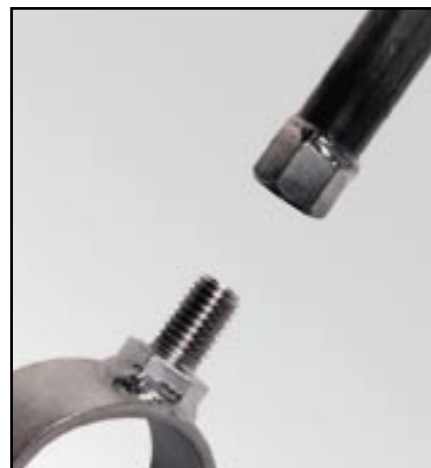
Connection, **5/8" NATIONAL COARSE (N.C.)**

Solid, Economical Connection System

Similar in form to a nuts and bolts system, the AMS Thread-On system is a less expensive connection.

Features Include:

- Right Hand (Clockwise) Rotation
- Left Handed Threads Available
- Compatible with the AMS Slide Hammer
- Optional Carbon Steel or Stainless Steel Design
- Larger Size ($\frac{3}{4}$ " NC) for Use with the 6" and Larger Augers



Connection, **QUICK CONNECT**



Quicker Break Down and Changeover Time

Unique button and hex coupling connectors allow augers, cross handles and extensions to connect and disconnect faster than the AMS Thread-On system.

Designed for use with AMS hand augers and soil recovery augers only. NOT for use with the AMS slide hammers.

Features Include:

- Fast Push-to-Lock
- Cast Steel Design
- Right and Left Hand Rotation

Thread-On and Quick-Connect Products can be Used Interchangeably.

Use Quick-Connect adapters to connect augers, cross handles and extensions with threaded extensions and cross handles. Use N.C. adapters to connect threaded AMS augers, cross handles and extensions with Quick-Connect extensions and cross handles. See pg. 27 for more details.

STANDARD SOIL AUGERS

Hand augering is a popular technique in many industries for a variety of reasons. Augering takes little monetary investment, and with a variety of auger bits to meet most soil profiles, augering with AMS augers is suitable for many industry needs, including soil research applications where sample disturbance and aeration will not affect the subsequent physical testing or screening-level analysis.

Application of Product:

Advancement into the soil is accomplished by pressing down and manually turning the AMS cross handle. The use of AMS extensions increases the depth the auger can bore. Extensions and cross handles sold separately. AMS offers a wide variety of auger bits to meet most soil and sediment sampling needs.

Construction Material:

All AMS standard soil augers have heat-treated, high carbon steel bits with tungsten carbide hard-surfaced edges. The bits are welded to a stainless steel cylinder and topped with a carbon steel bail. The 5", 6" and 7" sizes have a carbon steel cylinder.

All Augers are Available with Either 5/8" N.C. or Quick Connect Fittings

Rounded, Torque-Resistant Carbon Steel Bail

Stainless Steel Cylinders

Heat-treated, High Carbon Steel Bits with Tungsten Carbide Hard-Surfaced Edges



The Bits on all Augers and Bails have a Peelable Wax Coating for Protection and Should be Removed Before Use

Regular **AUGERS**

Designed for Use in Ordinary Soils

Versatile and easy to use, this is the most popular auger and considered the Grandfather of AMS augers. The auger's unique design allows easy penetration into most soil types for quick boring of an access point or collection of a disturbed sample.



**New Rounded Bail
Design on All Hand
Augers for Increased
Resistance to Torque Forces**

See the Augers in action at:

www.ams-samplers.com

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C. THREAD				5/8" N.C. THREAD -- <i>Stainless Steel</i>			
400.02	7" Regular*	8.15 lb	\$ 235.00	--	--	--	--
400.03	6" Regular*	7.35 lb	\$ 205.00	--	--	--	--
400.04	5" Regular	4.01 lb	\$ 155.00	--	--	--	--
400.05	4" Regular	3.45 lb	\$ 130.00	417.07	4" Regular - <i>SST</i>	3.49 lb	\$ 208.00
400.06	3 1/4" Regular	2.56 lb	\$ 118.00	417.06	3 1/4" Regular - <i>SST</i>	2.52 lb	\$ 191.00
400.07	2 3/4" Regular	2.06 lb	\$ 130.00	417.05	2 3/4" Regular - <i>SST</i>	2.07 lb	\$ 193.00
400.08	2 1/4" Regular	1.64 lb	\$ 134.00	417.04	2 1/4" Regular - <i>SST</i>	1.70 lb	\$ 194.00
400.09	2" Regular	1.42 lb	\$ 138.00	417.03	2" Regular - <i>SST</i>	1.42 lb	\$ 197.00
400.10	1 3/4" Regular	1.19 lb	\$ 143.00	417.02	1 3/4" Regular - <i>SST</i>	1.18 lb	\$ 202.00
400.11	1 1/2" Regular	.89 lb	\$ 143.00	417.01	1 1/2" Regular - <i>SST</i>	.85 lb	\$ 202.00
QUICK CONNECT				QUICK CONNECT -- <i>Stainless Steel</i>			
300.02	7" Regular	11.02 lb	\$ 251.00	--	--	--	--
300.03	6" Regular	8.13 lb	\$ 221.00	--	--	--	--
300.04	5" Regular	4.52 lb	\$ 174.00	--	--	--	--
300.05	4" Regular	3.78 lb	\$ 149.00	317.07	4" Regular - <i>SST</i>	3.93 lb	\$ 227.00
300.06	3 1/4" Regular	2.89 lb	\$ 134.00	317.06	3 1/4" Regular - <i>SST</i>	2.96 lb	\$ 206.00
300.07	2 3/4" Regular	2.39 lb	\$ 145.00	317.05	2 3/4" Regular - <i>SST</i>	2.51 lb	\$ 207.00
300.08	2 1/4" Regular	1.97 lb	\$ 155.00	317.04	2 1/4" Regular - <i>SST</i>	2.96 lb	\$ 209.00
300.09	2" Regular	1.75 lb	\$ 159.00	317.03	2" Regular - <i>SST</i>	1.86 lb	\$ 212.00
300.10	1 3/4" Regular	1.52 lb	\$ 163.00	317.02	1 3/4" Regular - <i>SST</i>	1.62 lb	\$ 220.00
300.11	1 1/2" Regular	1.22 lb	\$ 163.00	317.01	1 1/2" Regular - <i>SST</i>	1.29 lb	\$ 220.00

* 7" & 6" Augers Come Standard with 3/4" Threads



Sand **AUGERS***Designed for Use in Extremely Dry, Sandy Soils*

The bits have been formed to touch at their tips, in order to retain loose sand samples.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C. THREAD				5/8" N.C. THREAD -- <i>Stainless Steel</i>			
400.36	7" Sand*	10.69 lb	\$ 244.00	--	--	--	--
400.37	6" Sand*	7.80 lb	\$ 229.00	--	--	--	--
400.38	5" Sand	4.29 lb	\$ 166.00	--	--	--	--
400.39	4" Sand	3.45 lb	\$ 147.00	420.07	4" Sand - SST	3.54 lb	\$ 216.00
400.40	3 1/4" Sand	2.56 lb	\$ 143.00	420.06	3 1/4" Sand - SST	2.57 lb	\$ 205.00
400.41	2 3/4" Sand	2.06 lb	\$ 145.00	420.05	2 3/4" Sand - SST	2.12 lb	\$ 208.00
400.42	2 1/4" Sand	1.64 lb	\$ 146.00	420.04	2 1/4" Sand - SST	1.75 lb	\$ 208.00
400.43	2" Sand	1.42 lb	\$ 148.00	420.03	2" Sand - SST	1.47 lb	\$ 208.00
400.44	1 3/4" Sand	1.19 lb	\$ 155.00	420.02	1 3/4" Sand - SST	1.23 lb	\$ 219.00
400.45	1 1/2" Sand	.89 lb	\$ 155.00	420.01	1 1/2" Sand - SST	.90 lb	\$ 219.00
QUICK CONNECT				QUICK CONNECT -- <i>Stainless Steel</i>			
300.36	7" Regular	11.04 lb	\$ 270.00	--	--	--	--
300.37	6" Regular	8.15 lb	\$ 253.00	--	--	--	--
300.38	5" Regular	4.52 lb	\$ 191.00	--	--	--	--
300.39	4" Regular	3.45 lb	\$ 152.00	320.07	4" Sand - SST	3.98 lb	\$ 233.00
300.40	3 1/4" Regular	2.56 lb	\$ 147.00	320.06	3 1/4" Sand - SST	3.01 lb	\$ 222.00
300.41	2 3/4" Regular	2.06 lb	\$ 149.00	320.05	2 3/4" Sand - SST	2.56 lb	\$ 228.00
300.42	2 1/4" Regular	1.64 lb	\$ 151.00	320.04	2 1/4" Sand - SST	2.19 lb	\$ 228.00
300.43	2" Regular	1.75 lb	\$ 177.00	320.03	2" Sand - SST	1.91 lb	\$ 235.00
300.44	1 3/4" Regular	1.52 lb	\$ 180.00	320.02	1 3/4" Sand - SST	1.67 lb	\$ 233.00
300.45	1 1/2" Regular	1.22 lb	\$ 180.00	320.01	1 1/2" Sand - SST	1.34 lb	\$ 233.00

* 7" & 6" Augers Come Standard with 3/4" Threads

*Specially Formed Bits for
Retention of Loose Soils*



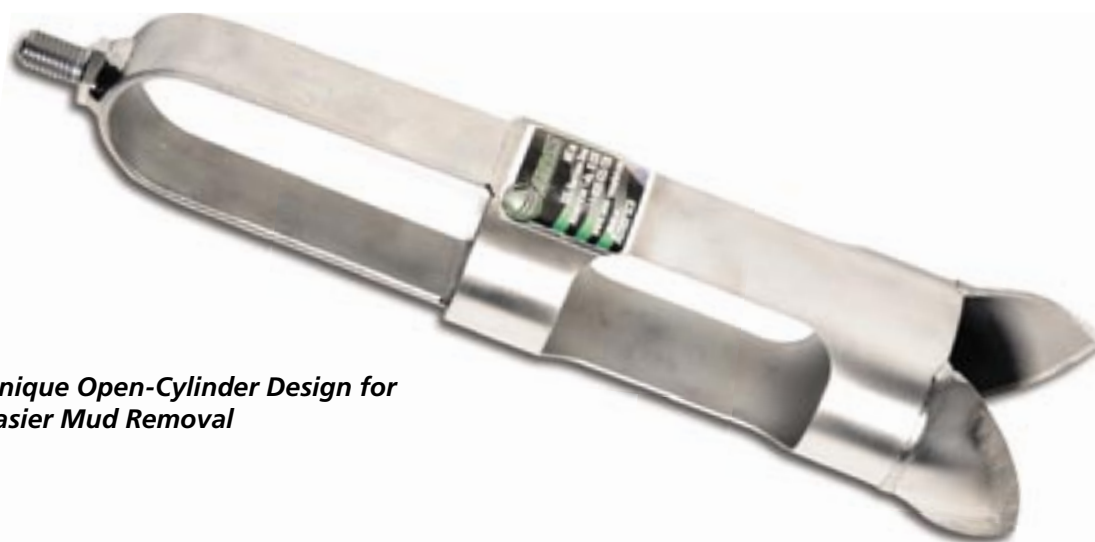
Mud **AUGERS**

Open Cylinder Design for Easy Removal of Heavy, Wet Soil or Clay Samples

Special mud bits are spaced further apart than the regular auger to ease entry of sticky soils. Available with a stainless steel cylinder and carbon steel bits for general soil sampling, or all stainless steel for EPA testing.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C. THREAD				5/8" N.C. THREAD -- <i>Stainless Steel</i>			
400.12	7" Mud Auger*	8.15 lb	\$ 235.00	--	--	--	--
400.15	6" Mud Auger*	7.35 lb	\$ 247.00	--	--	--	--
400.16	5" Mud Auger	4.29 lb	\$ 224.00	--	--	--	--
400.17	4" Mud Auger	3.21 lb	\$ 169.00	418.07	4" Mud - SST		\$ 218.00
400.18	3 1/4" Mud Auger	2.26 lb	\$ 142.00	418.06	3 1/4" Mud - SST		\$ 199.00
400.19	2 3/4" Mud Auger	1.88 lb	\$ 149.00	418.05	2 3/4" Mud - SST	1.92 lb	\$ 205.00
400.20	2 1/4" Mud Auger	2.26 lb	\$ 152.00	418.04	2 1/4" Mud - SST	1.64 lb	\$ 207.00
400.21	2" Mud Auger	1.44 lb	\$ 155.00	418.03	2" Mud - SST	1.46 lb	\$ 212.00
400.22	1 3/4" Mud Auger	1.16 lb	\$ 157.00	418.02	1 3/4" Mud - SST	1.14 lb	\$ 212.00
400.23	1 1/2" Mud Auger	.87 lb	\$ 157.00	418.01	1 1/2" Mud - SST	.84 lb	\$ 212.00
QUICK CONNECT				QUICK CONNECT -- <i>Stainless Steel</i>			
300.12	7" Mud Auger	8.48 lb	\$ 249.00	--	--	--	--
300.15	6" Mud Auger	7.68 lb	\$ 240.00	--	--	--	--
300.16	5" Mud Auger	4.34 lb	\$ 194.00	--	--	--	--
300.17	4" Mud Auger	3.54 lb	\$ 185.00	318.07	4" Mud - SST	3.18 lb	\$ 236.00
300.18	3 1/4" Mud Auger	2.59 lb	\$ 159.00	318.06	3 1/4" Mud - SST	2.74 lb	\$ 215.00
300.19	2 3/4" Mud Auger	2.21 lb	\$ 166.00	318.05	2 3/4" Mud - SST	2.36 lb	\$ 223.00
300.20	2 1/4" Mud Auger	1.92 lb	\$ 170.00	318.04	2 1/4" Mud - SST	2.74 lb	\$ 225.00
300.21	2" Mud Auger	1.77 lb	\$ 175.00	318.03	2" Mud - SST	1.90 lb	\$ 230.00
300.22	1 3/4" Mud Auger	1.49 lb	\$ 177.00	318.02	1 3/4" Mud - SST		\$ 230.00
300.23	1 1/2" Mud Auger	1.20 lb	\$ 177.00	318.01	1 1/2" Mud - SST	1.28 lb	\$ 230.00

* 7" & 6" Augers Come Standard with 3/4" Threads



Unique Open-Cylinder Design for Easier Mud Removal



Clay AUGERS

Our Most Popular Open Cylinder Style!

Our popular bit design combined with the unique benefits of an open cylinder, collects samples of most soils with the exception of very dry materials.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C. THREAD				5/8" N.C. THREAD -- <i>Stainless Steel</i>			
416.06	4" Clay Auger	3.21 lb	\$ 169.00	419.07	4" Clay, - SST	3.37 lb	\$ 218.00
412.05	3 1/4" Clay Auger	2.26 lb	\$ 142.00	419.06	3 1/4" Clay, - SST	2.30 lb	\$ 201.00
416.04	2 3/4" Clay Auger	1.88 lb	\$ 148.00	419.05	2 3/4" Clay, - SST	2.21 lb	\$ 204.00
416.03	2 1/4" Clay Auger	1.88 lb	\$ 152.00	419.04	2 1/4" Clay, - SST	1.78 lb	\$ 206.00
416.02	2" Clay Auger	1.88 lb	\$ 152.00	419.03	2" Clay, - SST	1.46 lb	\$ 212.00
416.01	1 3/4" Clay Auger	1.59 lb	\$ 154.00	419.02	1 3/4" Clay, - SST	1.14 lb	\$ 212.00
QUICK CONNECT				QUICK CONNECT -- <i>Stainless Steel</i>			
316.06	4" Clay Auger	3.54 lb	\$ 185.00	319.07	4" Clay, - SST	3.81 lb	\$ 231.00
316.05	3 1/4" Clay Auger	2.89 lb	\$ 160.00	319.06	3 1/4" Clay, - SST	2.74 lb	\$ 214.00
316.04	2 3/4" Clay Auger	2.21 lb	\$ 166.00	319.05	2 3/4" Clay, - SST	2.36 lb	\$ 223.00
316.03	2 1/4" Clay	1.92 lb	\$ 170.00	319.04	2 1/4" Clay, - SST	2.12 lb	\$ 225.00
316.02	2" Clay Auger	1.75 lb	\$ 175.00	319.03	2" Clay, - SST	1.90 lb	\$ 230.00
316.01	1 3/4" Clay Auger	1.56 lb	\$ 177.00	319.02	1 3/4" Clay, - SST	1.56 lb	\$ 230.00
* 7" & 6" Augers Come Standard with 3/4" Threads							

Available In Six Sizes



Regular Bit Design with Open Cylinder

Dutch **AUGERS**

Excellent Tool for Collection of Samples in Heavily Rooted, Fibrous or Swampy Areas

Hand forged from high-carbon spring steel and honed to a fine cutting edge.

Available In Two Sizes



*Unique Open-Cylinder Design for
Easier Mud Shedding Capabilities*

Part #	Description	Weight	Price
5/8" N.C. THREAD			
400.59	3" Dutch Auger	1.29 lb	\$ 158.00
400.61	2" Dutch Auger	.95 lb	\$ 158.00
QUICK CONNECT			
300.59	3" Dutch Auger	1.70 lb	\$ 173.00
300.61	2" Dutch Auger	1.42 lb	\$ 173.00

Flighted **SCREW AUGERS**

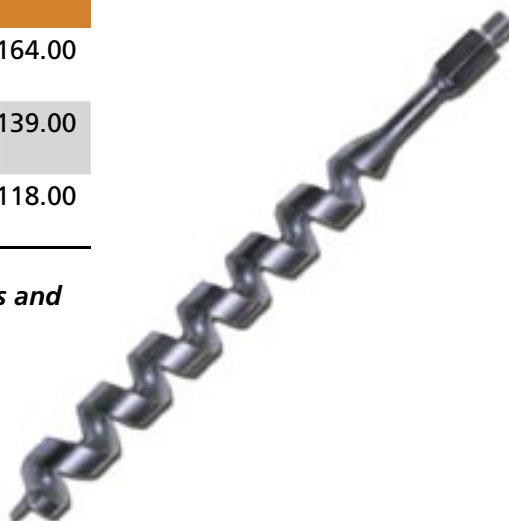
Part #	Description	Weight	Price
5/8" N.C. THREAD			
405.05	2" X 12" Flighted Screw Auger	2.13 lb	\$ 149.00
405.03	1¾" x 12" Flighted Screw Auger	1.79 lb	\$ 124.00
405.02	1½" x 12" Flighted Screw Auger	1.45 lb	\$ 103.00

QUICK CONNECT

305.01	2" X 12" Flighted Screw Auger	4.75 lb	\$ 164.00
305.03	1¾" x 12" Flighted Screw Auger	3.56 lb	\$ 139.00
305.02	1½" x 12" Flighted Screw Auger	2.96 lb	\$ 118.00

*Designed to Take Low Volume
Soil Samples in Dense, Hard or
Compacted Soils*

Extra heavy-duty screw-type auger is great for moisture testing and to create access points. Double twisted, smooth edged flighting allows for easy penetration.



*Available In Three Sizes and
Carbon Steel Only*

Planer **AUGERS**

Part #	Description	Weight	Price
5/8" N.C. THREAD			
400.50	4" Planer Auger	2.57 lb	\$ 149.00
400.51	3 1/4" Planer Auger	1.99 lb	\$ 134.00
400.52	2 3/4" Planer Auger	1.58 lb	\$ 147.00
400.53	2 1/4" Planer Auger	1.27 lb	\$ 156.00
QUICK CONNECT			
300.50	4" Planer Auger	2.90 lb	\$ 170.00
300.51	3 1/4" Planer Auger	2.32 lb	\$ 152.00
300.52	2 3/4" Planer Auger	1.91 lb	\$ 166.00
300.53	2 1/4" Planer Auger	1.60 lb	\$ 172.00

Obtain Cleaner Core Samples with Clean Pre-augered Bore holes

Designed to remove loose soil and flatten the bottom of pre-augered or drilled bore holes. Use in conjunction with AMS soil core samplers for cleaner sample recovery. Comes in either all stainless steel or with a stainless steel cylinder, tungsten carbide surfaced, hardened high carbon steel bit and a high carbon steel bail.

Available In Four Sizes



Rock **BREAKERS**

Tough Chisel Design Splits or Chips Nuisance Rocks in Boring Holes

Made from high strength alloy steel with a chisel tip. An optional AMS slide hammer with N.C. coupling is needed for rock breaking and chiseling through hard pan. Slide Hammer sold separately.



Part #	Auger Type	Weight	Price
5/8" N.C.			
424.00	Rock Breaker	2.85 lb	\$ 91.75
QUICK CONNECT			
324.00	Rock Breaker	2.89 lb	\$ 107.00

Soil Recovery **AUGERS**

One Auger – Two Solutions

Designed to improve the efficiency of the sampling process, the patented, dual purpose AMS soil recovery Auger (SRA) is the most versatile auger offered by AMS. The auger may be used as a conventional soil auger to quickly create an access point or to collect a disturbed sample. With a quick insertion of a liner and a switch from the solid bail cap to a hollow bail cap, collection of contained, discrete, undisturbed soil and sediment samples with near zero contamination for soil profile descriptions, geotechnical analyses, and chemical analysis is possible. Perfect for Level III and IV data validation for all contaminants.



SRA Includes:

- One Main Cylinder
- One Hollow Cap
- One Solid Cap
- One Plastic Liner
- Two Liner Caps
- One Slip Wrench

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" x 8" 5/8" N.C.				2 1/4" x 8" 5/8" N.C. <i>Stainless Steel</i>			
421.05	2 1/4" X 8" SRA	5.69 lb	\$ 332.00	421.07	2 1/4" X 8" <i>SST</i> SRA	5.74 lb	\$ 343.00

Includes:

421.14	2 1/4" Solid Cap, N.C.	1.19 lb	\$ 108.00	421.14	2 1/4" Solid Cap, N.C.	1.19 lb	\$ 108.00
421.15	2 1/4" Hollow Cap, N.C.	1.19 lb	\$ 108.00	421.15	2 1/4" Hollow Cap, N.C.	1.19 lb	\$ 108.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
421.12	2 1/4" x 8" Cyl. Body	2.04 lb	\$ 124.00	421.24	2 1/4" x 8" <i>SST</i> Cyl. Body	2.07 lb	\$ 139.00
422.03	2" x 8" Plastic Liner	.14 lb	\$ 3.50	422.03	2" x 8" Plastic Liner	.14 lb	\$ 3.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" x 8" Q.C.				2 1/4" x 8" Q.C. <i>Stainless Steel</i>			
421.05	2 1/4" X 8" SRA	6.57 lb	\$ 381.00	421.05	2 1/4" X 8" <i>SST</i> SRA	6.62 lb	\$ 373.00

Includes:

321.14	2 1/4" Solid Cap, Q.C.	1.54 lb	\$ 124.00	321.14	2 1/4" Solid Cap Q.C.	1.54 lb	\$ 124.00
321.15	2 1/4" Hollow Cap, Q.C.	1.54 lb	\$ 124.00	321.15	2 1/4" Hollow Cap, Q.C.	1.54 lb	\$ 124.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.10	2 " End Caps	.02 lb	¢ .24	418.10	2 " End Caps	.02 lb	¢ .24
421.12	2 1/4" x 8" Cyl. Body	2.04 lb	\$ 124.00	421.24	2 1/4" x 8" <i>SST</i> Cyl. Body	2.07 lb	\$ 139.00
422.03	2" x 8" Plastic Liner	.14 lb	\$ 3.50	422.03	2" x 8" Plastic Liner	.14 lb	\$ 3.50

Features Include:

- **Protective Soil Liners, which Seals the Sample, Alleviating the Problems of Volatile Loss, Cross-contamination from Bore-hole Sloughing and Aeration of the Sample**
- **Versatile, High Quality Sample Collection which can be Used for Geotechnical and Chemical Analysis of Volatile Compounds**
- **Smooth Finish for Easy Decontamination**
- **Specially Shaped Auger Bits to Cut and Lift the Soil into the Liner, Rather than Tearing Through the Soil**
- **Easier Sample Removal Resulting from Access Holes $\frac{3}{8}$ " to $\frac{3}{4}$ " Larger than the Liner Diameter**

Construction Materials:

Constructed of all 300 stainless steel or stainless steel with tungsten carbide coated, hardened carbon steel bits. Compatible with the AMS 5/8" N.C. or Quick Connect extensions and cross handles, sold separately.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" x 10" 5/8" N.C.				2 1/4" x 10" 5/8" N.C. <i>Stainless Steel</i>			
421.06	2 1/4" X 10" SRA	6.15 lb	\$ 328.00	421.08	2 1/4" X 10" <i>SST</i> SRA	6.19 lb	\$ 352.00

Includes:

421.14	2 1/4" Solid Cap N.C.	1.19 lb	\$ 108.00	421.14	2 1/4" Solid Cap N.C.	1.19 lb	\$ 108.00
421.15	2 1/4" Hollow Cap N.C.	1.19 lb	\$ 108.00	421.15	2 1/4" Hollow Cap N.C.	1.19 lb	\$ 108.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
421.13	2 1/4" x 10" Cyl. Body	2.47 lb	\$ 129.00	421.26	2 1/4" x 10" <i>SST</i> Cyl. Body	2.49 lb	\$ 144.00
422.04	2" x 10" Plastic Liner	.18 lb	\$ 4.00	422.04	2" x 10" Plastic Liner	.18 lb	\$ 4.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" x 10" Q.C.				2 1/4" x 10" Q.C. <i>Stainless Steel</i>			
321.06	2 1/4" X 10" SRA	7.03 lb	\$ 390.00	321.08	2 1/4" X 10" <i>SST</i> SRA	7.08 lb	\$ 378.00

Includes:

321.14	2 1/4" Solid Cap, Q.C.	1.54 lb	\$ 124.00	321.14	2 1/4" Solid Cap, Q.C.	1.54 lb	\$ 124.00
321.15	2 1/4" Hollow Cap, Q.C.	1.54 lb	\$ 124.00	321.15	2 1/4" Hollow Cap, Q.C.	1.54 lb	\$ 124.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
421.13	2 1/4" x 10" Cyl. Body	2.47 lb	\$ 129.00	421.26	2 1/4" x 10" <i>SST</i> Cyl. Body	2.49 lb	\$ 144.00
422.04	2" x 10" Plastic Liner	.18 lb	\$ 4.00	422.04	2" x 10" Plastic Liner	.18 lb	\$ 4.00

SPECIALTY AUGERS

Soil Recovery Augers



Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" x 10" 5/8" N.C.				3 1/4" x 10" 5/8" N.C. Stainless Steel			
421.01	3 1/4" X 10" SRA	9.20 lb	\$ 334.00	421.03	3 1/4" X 10" SST SRA	9.25 lb	\$ 359.00
Includes:							
421.18	3 1/4" Solid Cap, N.C.	2.34 lb	\$ 113.00	421.18	3 1/4" Solid Cap, N.C.	2.34 lb	\$ 113.00
421.19	3 1/4" Hollow Cap, N.C.	1.59 lb	\$ 113.00	421.19	3 1/4" Hollow Cap, N.C.	1.59 lb	\$ 113.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.09	3" End Caps	.02 lb	¢ .27	418.09	3" End Caps	.02 lb	¢ .27
421.16	3 1/4" x 10" Cyl. Body	3.72 lb	\$ 139.00	421.27	3 1/4" x 10" SST Cyl. Body	3.69 lb	\$ 160.00
422.01	3" x 10" Plastic Liner	.30 lb	\$ 5.25	422.01	3" x 10" Plastic Liner	.30 lb	\$ 5.25

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" x 10" Q.C.				3 1/4" x 10" Q.C. Stainless Steel			
321.01	3 1/4" X 10" SRA	10.08 lb	\$ 397.00	321.03	3 1/4" X 10" SST SRA	10.13 lb	\$ 427.00
Includes:							
321.18	3 1/4" Solid Cap, Q.C.	2.69 lb	\$ 129.00	321.18	3 1/4" Solid Cap, Q.C.	2.69 lb	\$ 129.00
321.19	3 1/4" Hollow Cap, Q.C.	1.99 lb	\$ 129.00	321.19	3 1/4" Hollow Cap, Q.C.	1.99 lb	\$ 129.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.09	3 " End Caps	.02 lb	¢ .27	418.09	3 " End Caps	.02 lb	¢ .27
421.16	3 1/4" x 10" Cyl. Body	3.72 lb	\$ 139.00	421.27	3 1/4" x 10" SST Cyl. Body	3.69 lb	\$ 160.00
422.01	3" x 10" Plastic Liner	.30 lb	\$ 5.25	422.01	3" x 10" Plastic Liner	.30 lb	\$ 5.25



SPECIALTY AUGERS

Soil Recovery Augers

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" x 12" 5/8" N.C.				3 1/4" x 12" 5/8" N.C. <i>Stainless Steel</i>			
421.02	3 1/4" X 12" SRA	10.04 lb	\$ 340.00	421.04	3 1/4" X 12" SRA <i>SST</i>	10.09 lb	\$ 366.00

Includes:

421.18	3 1/4" Solid Cap, N.C.	2.34 lb	\$ 113.00	421.18	3 1/4" Solid Cap, N.C.	2.34 lb	\$ 113.00
421.19	3 1/4" Hollow Cap, N.C.	1.59 lb	\$ 113.00	421.19	3 1/4" Hollow Cap, N.C.	1.59 lb	\$ 113.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.09	3" End Caps	.02 lb	¢ .27	418.09	3" End Caps	.02 lb	¢ .27
421.17	3 1/4" x 12" Cyl. Body	4.40 lb	\$ 144.00	421.28	3 1/4" x 12" <i>SST</i> Cyl. Body	4.36 lb	\$ 165.00
422.02	3" x 12" Plastic Liner	.32 lb	\$ 6.00	422.02	3" x 12" Plastic Liner	.32 lb	\$ 6.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" x 12" Q.C.				3 1/4" x 12" Q.C. <i>Stainless Steel</i>			
321.02	3 1/4" X 12" SRA	10.92 lb	\$ 404.00	321.04	3 1/4" X 12" SRA <i>SST</i>	10.97 lb	\$ 434.00

Includes:

321.18	3 1/4" Solid Cap, Q.C.	2.69 lb	\$ 129.00	321.18	3 1/4" Solid Cap, Q.C.	2.69 lb	\$ 129.00
321.19	3 1/4" Hollow Cap, Q.C.	1.99 lb	\$ 129.00	321.19	3 1/4" Hollow Cap, Q.C.	1.99 lb	\$ 129.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
418.09	3" End Caps	.02 lb	¢ .27	418.09	3" End Caps	.02 lb	¢ .27
421.17	3 1/4" x 12" Cyl. Body	4.40 lb	\$ 144.00	421.28	3 1/4" x 12" <i>SST</i> Cyl. Body	4.36 lb	\$ 165.00
422.02	3" x 12" Plastic Liner	.32 lb	\$ 6.00	422.02	3" x 12" Plastic Liner	.32 lb	\$ 6.00



Application of Product:

With the AMS soil recovery auger it is easy to convert from a soil auger to a sample recovery tool.

Use the hollow cap for a regular soil auger. In this configuration you can auger holes from the surface to your desired depth. When in use as a regular soil auger, liners are not necessary. When your desired sample depth is reached, simply remove the hollow cap, clean out the remaining soil, insert a liner, install the solid cap and place the auger back down the hole. When the solid cap is in place, any soil that may sluff off from the top or sides of the hole is prevented from entering the cylinder, and will not contaminate your sample.

After taking the sample, lift the SRA to the surface, and remove its solid cap, then the liner. Cap the liner for collection of a discrete soil sample within the liner that can be transported to a lab for analysis.

Telescoping **AUGERS**

Quickly and Easily Bore Access Holes or Collect Samples up to Depths of 8' in Less Time and for Nearly 10% Less Money

Everything you need in one convenient piece – no extensions, no tools. Compact and ready to use, the AMS telescoping auger (TSA) is only 5'4" long when collapsed and 9' when fully extended. Developed for sampling soils for perc test, septic leakage, site assessment and agricultural science uses. Comes complete with an extension, cross handle, auger head and locking pins. Extensions and cross handles are made from type 4130 chrome molybdenum steel. Cylinder is made of stainless steel. Highly durable heat-treated bits are carbon steel with tungsten carbide hard surfaces.

Available in regular, mud, and sand models

Part #	Description	Weight	Price
2 1/4" TELESCOPING AUGERS			
301.68	2 1/4" Telescoping Regular Auger Kit	6.88 lb	\$ 251.00
301.80	2 1/4" Telescoping Mud Auger Kit	5.68 lb	\$ 274.00
301.08	2 1/4" Regular Auger Head	1.74 lb	\$ 134.00
301.20	2 1/4" Mud Auger Head	1.56 lb	\$ 152.00
301.42	2 1/4" Sand Auger Head	1.74 lb	\$ 149.00
2 3/4" TELESCOPING AUGERS			
301.67	2 3/4" Telescoping Regular Auger Kit	7.16 lb	\$ 247.00
301.79	2 3/4" Telescoping Mud Auger Kit	5.94 lb	\$ 272.00
301.07	2 3/4" Regular Auger Head	2.72 lb	\$ 130.00
301.19	2 3/4" Mud Auger Head	1.80 lb	\$ 149.00
301.41	2 3/4" Sand Auger Head	2.72 lb	\$ 148.00
3 1/4" TELESCOPING AUGERS			
301.66	3 1/4" Telescoping Regular Auger Kit	7.68 lb	\$ 236.00
301.78	3 1/4" Telescoping Mud Auger Kit	7.34 lb	\$ 265.00
301.90	3 1/4" Telescoping Sand Auger Kit	7.90 lb	\$ 261.00
301.06	3 1/4" Regular Auger Head	2.54 lb	\$ 118.00
301.18	3 1/4" Mud Auger Head	2.20 lb	\$ 142.00
301.40	3 1/4" Sand Auger Head	2.66 lb	\$ 146.00
4" TELESCOPING AUGERS			
301.65	4" Telescoping Regular Auger Kit	8.56 lb	\$ 247.00
301.05	4" Regular Auger Head	3.52 lb	\$ 130.00
301.39	4" Sand Auger Head	3.45 lb	\$ 152.00
TELESCOPING AUGER ACCESSORIES			
407.35	4'- 8' Telescoping Extension	4.32 lb	\$ 101.00
406.81	16" Telescoping Cross Handle	.78 lb	\$ 33.00
406.84	16" Telescoping Ratcheting Cross Handle	2.02 lb	\$ 104.00
BR205	Replacement Snap Pin	.10 lb	\$ 2.00



Features Include:

- The Same Unique AMS Bit Design as Other AMS Hand Augers
- An Open Cylinder which Provides for Easy Emptying
- Quick, Convenient Expansion of Extensions from 4' to 6' to 8' Lengths
- Easily Dismantled for Storage or Transport
- Lightweight Design, Weighing Only 7.3 lb


AUGER ACCESSORIES

Your AMS augers are not complete without extensions and cross handles. AMS extensions and cross handles are available in two connections types either high quality carbon steel or durable stainless steel material.

Standard **CROSS HANDLES**

Cross Handles

Available in coated and uncoated 4130 chrome molybdenum or easy-to-decontaminate Stainless Steel. Molded rubber coated chrome molybdenum cross handles increased operator comfort and added protection against shock when using around electricity.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C. THREAD				5/8" N.C. THREAD - <i>Stainless Steel</i>			
406.02	16" Standard	.78 lb	\$ 24.00	409.11	16" Standard -SST	1.04 lb	\$35.00
406.04	16" Rubber Coated	1.04 lb	\$ 33.00	QUICK CONNECT - <i>Stainless Steel</i>			
QUICK CONNECT				309.11	16" Standard -SST	1.13 lb	\$50.00
309.05	16" Standard	1.80 lb	\$ 41.50				
306.06	16" Rubber Coated	1.29 lb	\$53.50				
3/4" THREAD							
406.01	22" Standard	1.20 lb	\$ 30.50				
406.05	16" Rubber Coated	1.52 lb	\$ 39.00				

Ratcheting **CROSS HANDLES**

Ratcheting Mechanism Reduces Operator Effort and Allows Use in Tight Situations

AMS Ratcheting cross handles were specifically designed to reduce effort, operator fatigue, and allow for use in tight field situations. A convenient switch below the handle changes the direction of the ratchet action.

Part #	Description	Weight	Price
5/8" N.C. THREAD			
406.80	16" Ratcheting	2.02 lb	\$ 98.50
QUICK CONNECT			
306.07	16" Ratcheting	2.40 lb	\$ 115.00



EXTENSIONS

Designed for Maximum Strength & Minimum Torque in Tough Soil Sampling Conditions

Available in your choice of two materials: 4130 aircraft quality, chrome molybdenum seamless tubing, or stainless steel. Extensions may be easily joined together to access desired depth.

Part #	Description	Weight	Price
5/8" N.C. THREAD			
408.04	5' Extension	2.40 lb	\$ 54.50
408.03	4' Extension	2.29 lb	\$ 51.50
408.02	3' Extension	1.63 lb	\$ 49.50
408.01	2' Extension	1.16 lb	\$ 47.50
408.00	1' Extension	.75 lb	\$ 45.50

3/4" THREAD

407.05	5' Extension	2.94 lb	\$ 62.50
407.04	4' Extension	2.44 lb	\$ 60.50
407.03	3' Extension	2.00 lb	\$ 58.00
407.02	2' Extension	1.49 lb	\$ 56.00
407.01	1' Extension	.96 lb	\$ 53.50

QUICK CONNECT

309.04	5' Extension	3.57 lb	\$ 80.50
309.03	4' Extension	3.12 lb	\$ 77.50
309.02	3' Extension	2.67 lb	\$ 74.50
309.02	2' Extension	2.29 lb	\$ 72.50
309.00	1' Extension	1.87 lb	\$ 70.50

Part #	Description	Weight	Price
5/8" N.C. THREAD - <i>Stainless Steel</i>			
409.10	5' Extension -SST	2.56 lb	\$ 76.00
409.09	4' Extension -SST	2.11 lb	\$ 73.50
409.08	3' Extension -SST	1.66 lb	\$ 71.50
409.07	2' Extension -SST	1.22 lb	\$ 69.50
409.06	1' Extension -SST	.77 lb	\$ 66.50

QUICK CONNECT - *Stainless Steel*

309.10	5' Extension -SST	3.65 lb	\$ 93.50
309.09	4' Extension -SST	3.20 lb	\$ 91.00
309.08	3' Extension -SST	2.75 lb	\$ 88.50
309.07	2' Extension -SST	2.34 lb	\$ 86.00
309.06	1' Extension -SST	1.89 lb	\$ 84.00



Slide **HAMMERS**

Absorbs the Impact Shock!

Rubber coating makes it easy to hold onto and use, as well as significantly absorbs the impact shock. Pounds down for easy penetration, up for soil extraction. Available in three different weights.

Not Compatible with Quick Connect Connection



Part #	Description	Weight	Price
5/8" NATIONAL COARSE THREAD			
400.96	Compact Slide Hammer	7.68 lb	\$ 141.00
400.99	Regular Slide Hammer	10.22 lb	\$ 144.00
400.93	H.D. Slide Hammer	18.90 lb	\$ 205.00

ADAPTERS

Add Versatility to Your AMS Augers

Use Quick-Connect and N.C. thread-on adapters to connect threaded products to Quick-Connect products and vice versa.

Part #	Description	Weight	Price
THREADED TO THREADED			
412.00	5/8" Female Thread to 1/2" Male Thread	.50 lb	\$ 13.75
413.00	1/2" Female Thread to 5/8" Male Thread	.50 lb	\$ 13.75
THREAD TO QUICK CONNECT			
413.01	5/8" Female Thread to Male Quick Connect	1.00 lb	\$ 42.00
413.02	5/8" Male Thread to Female Quick Connect	1.00 lb	\$ 42.00
THREAD TO QUICK SPIN			
412.50	5/8" Female Thread to Male Quick Spin	.80 lb	\$ 42.00
412.51	5/8" Male Thread to Female Quick Spin	.80 lb	\$ 42.00
QUICK CONNECT TO QUICK SPIN			
412.52	Female Quick Connect to Male Quick Spin	.80 lb	\$ 42.00
412.53	Male Quick Connect to Female Quick Spin	.80 lb	\$ 42.00
HAMMER TO THREADED for Slide Hammers			
403.12	Hammer to 5/8" Female Thread	.25 lb	\$ 17.25



AMS FLIGHTED AUGERS

AMS flighted augers are most commonly used to create access holes for agricultural, landscaping, and other non-environmental fields. AMS offers multiple auger sizes and types to choose from to fit most industry needs.

Application of Product

Driven by a power drill, the cuttings are rotated upward to surface as the cutting head is advanced into the ground. Easily drill boreholes ranging in size from 2" to 8", vertically or at an angle.



Heavy-Duty **FLIGHTED AUGER LINE**

Designed for Digging a Wide Range of Holes for Use with Small Trees, Fence Posts, Poles and Road Signs

Heavy-duty frame and standard shock absorbing spring which reduces sudden recoil and lessens vibration for greater operator comfort. Functions as both an earth auger AND a snow auger.

Part #	Description	Price
6" & 8" FLIGHTED SOIL AUGERS		
5557.31	6" Flighted Soil Auger with Spring Adapter & Replaceable Tip	\$ 186.00
5557.30	8" Flighted Soil Auger with Spring Adapter & Replaceable Tip	\$ 196.00



Replaceable pilot tip and cutting edge are available, call for more information

AMS Inc. • 105 Harrison Street • American Falls, Idaho 83211

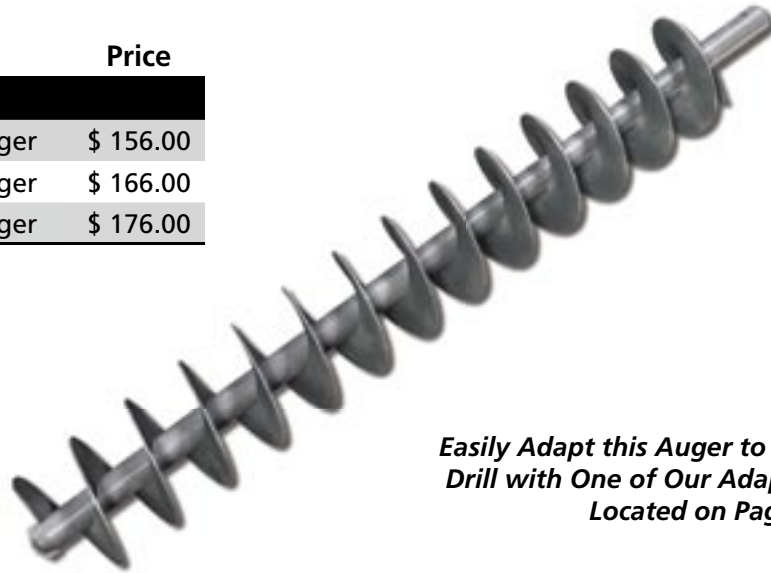
Professional **FLIGHTED AUGER LINE**

Excellent Tool for Bulb Planting and for Deep Root Feeding and Irrigation

Quickly drill small diameter access holes for a variety of needs. Built with the professional in mind, this auger features heavy-duty flighting, solid shaft and includes a tungsten carbide cutting tip.

Three Sizes to Choose From

Part #	Description	Price
FLIGHTED SOIL AUGERS		
5557.34	2" X 30" Flighted Soil Auger	\$ 156.00
5557.33	3" X 30" Flighted Soil Auger	\$ 166.00
5557.32	4" X 30" Flighted Soil Auger	\$ 176.00

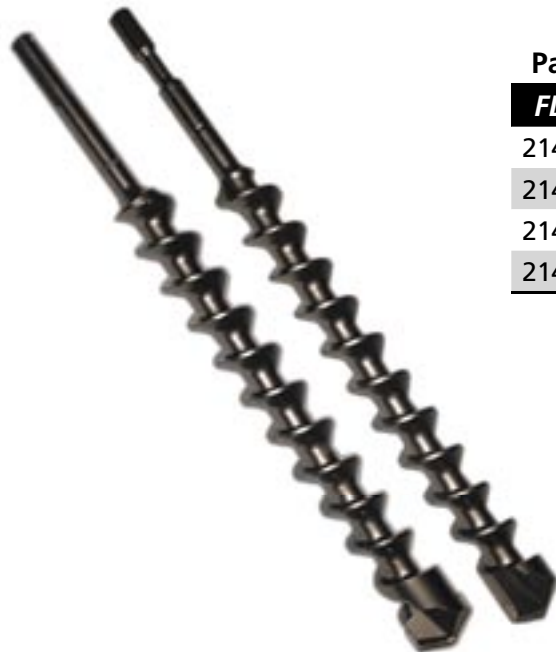


Easily Adapt this Auger to Your Drill with One of Our Adapters Located on Page 28

Flighted **ROCKY SOIL AUGERS**

Easily Drill Through Rocky Soils with Heavy-Duty Design and Replaceable, Extra Large Pilot Tips

Easily penetrate concrete, asphalt and super hard/dry clay with heat-treated, high carbon steel bits with tungsten carbide hard-surfaced edges. Designed with an SDS or splined shank for use with a rotary hammer.



Part #	Description	Price
FLIGHTED SOIL AUGERS		
214.28	2" x 30" RSA with Splined Shaft	\$ 219.00
214.30	2" x 30" RSA with SDS Max Shaft	\$ 272.00
214.35	2 1/8" x 30" RSA with Splined Shaft	\$ 424.00
214.36	2 1/8" x 30" RSA with SDS Max Shaft	\$ 420.00

Spring-Loaded **DRILL ADAPTERS**

For Optimal Comfort & Safety

Designed to provide safety and comfort to your work. Absorbs shock from sudden stop impact from hitting rocks and any other solid objects below the surface. Reduces stress to hands and wrists with vibration reduction.

SPRING LOADED DRILL ADAPTERS

213.44	5/8" Female to 5/8" Male Gas Drill Adapter	3.82 lb	\$ 52.00
213.48	5/8" Male to 5/8" Female Gas Drill Adapter	3.82 lb	\$ 52.00



Drill **ADAPTERS**

Add versatility to your AMS augers.

Use Quick-Connect and Standard adapters to connect threaded products to Quick-Connect products and visa versa.



Part #	Description	Weight	Price
DRILL ADAPTERS			
213.50	1/2" to 5/8" Gas Drill Adapter	.40 lb	\$ 20.50
214.20	SDS Max Hammer Drill Adapter	.80 lb	\$ 77.50
214.50	SDS Plus Hilti Drill Adapter	.80 lb	\$ 77.50
405.27	Splined Rotary Drill Adapter	.60 lb	\$ 77.50
213.46	EA-400 Drill Adapter	.62 lb	\$ 27.00

Gas & Electric **DRILLS**

All the Power You Need!

With the variety of drills to choose from, you are sure to find the one to meet your specific job site requirements and equipment.

Part #	Description	Weight	Price
ECHO ED-200			
213.80	21.2 cc Gas	13.00 lb	\$ 370.00
ECHO EDR-210 (reversible)			
213.81	21.2 cc Gas	13.00 lb	\$ 423.00
ECHO EDR-240 (reversible)			
213.82	23.6 cc Gas	14.00 lb	\$ 475.00
ECHO EDR-260 (reversible)			
213.86	25.4 cc Gas	13.30 lb	\$ 530.00
ECHO EA-400			
213.83	42.7 cc Gas	21.36 lb	\$ 599.00

DeWALT ROTARY HAMMER DRILL

213.91	DeWalt Hammer Drill	24 lb	\$1,092.00
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Echo Gas Drill **ACCESSORIES**

Replace the Broken Parts, Not the Drill!

A solid one-piece 14 gauge plated steel support bracket coupled with heavy-duty side handle makes these replacement parts an ultimate upgrade for the Echo ED-200, EDR-210 and EDR-240 gas drills.



Part #	Description	Weight	Price
ECHO DRILL ACCESSORIES			
213.84	Echo Gas Drill Support Bracket	.28 lb	\$ 9.00
213.79	Echo Gas Drill Side Handle Replacement	.31 lb	\$ 20.50

SOIL CORE SAMPLERS

AMS designs and manufactures a variety of soil core samplers that are used primarily for taking undisturbed soil and sediment samples for soil profile descriptions, geotechnical analysis, and chemical analysis. Samples collected are suitable for EPA Level III or Level IV data validation for contaminants. The AMS soil core samplers are available with the 5/8" N.C. connection.

Core SAMPLERS



See the Core Samplers in action at:

www.ams-samplers.com

Designed for Collection of High-Quality, Undisturbed, Shallow Subsurface Soil Samples for Geotechnical and Chemical Analysis

Collect samples from the soils surface or from the bottom of a pre-augered hole by using the AMS slide hammer and extensions, sold separately. Samples are collected in removable liners that can be sealed with end caps. Available in a variety of sizes.

Features Include:

- **Rapid, Inexpensive Way to Take High Quality, Undisturbed, Un-aerated, Soil Samples**
- **Precision Crafted to Provide Long Life**
- **Easy Take Apart Design with Removable Liner**
- **Stainless Steel Model Allows for Acid Bath Decontamination**

Construction:

Made of the highest quality stainless or carbon tubing. The stainless model, designed for sensitive sampling, is comprised of 300 series stainless steel with a hardened stainless 400 series core tip and 300 series cap. The standard model, designed for normal geotechnical sampling, is comprised of hardened high carbon steel for extra durability with a heat-treated core tip and carbon steel cap.

Product Application:

Designed to easily collect undisturbed samples with minimal effort, by pushing the core tip into the material being sampled. Pushing can be done by hand or by using the AMS slide hammer. Extend the range of depth by using in a pre-augered hole. Take sufficient extensions to the field to allow collection from the deepest point plus about three feet to allow for proper use of the AMS slide hammer.

SOIL CORE SAMPLERS

Core Samplers



The Ideal Combination for Retrieving High Quality Continuous Core samples!

Core Sampler Set Includes:

- Liner & Two End Caps
- Core Sampler Cup
- Core Sampler Cap
- Slide Hammer

1 1/2" x 6" Core Sampler Set

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/2" x 6" CORE SAMPLERS				1 1/2" x 6" CORE SAMPLERS <i>Stainless Steel</i>			
404.39	1 1/2" X 6" Core Sampler Set with Slide Hammer	12.29 lb	\$ 313.00	404.64	1 1/2" X 6" SST Core Sampler Set with Slide Hammer	12.69 lb	\$ 358.00

Includes:

404.41	1 1/2" Cap	.76 lb	\$ 121.00	404.59	1 1/2" SST Cap	.77 lb	\$ 133.00
404.40	1 1/2" X 6" Cup	1.19 lb	\$ 180.00	404.81	1 1/2" X 6" SST Cup	1.24 lb	\$ 218.00
405.04	1 1/2" X 6" Alu. Liner	.12 lb	\$ 6.75	405.13	1 1/2" X 6" SST Liner	.46 lb	\$ 9.00
418.08	1 1/2" End Caps	.01 lb	¢ .16	418.08	1 1/2" End Caps	.01 lb	¢ .16
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00

1 1/2" x 6" Core Sampler Cup & Cap Set without Slide Hammer

404.38	1 1/2" X 6" Cap & Cup	2.08 lb	\$ 238.00	404.72	1 1/2" X 6" SST Cap & Cup	2.49 lb	\$ 287.00
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Part #	Description	Weight		Part #	Description	Weight	Price
1 ½" x 12" CORE SAMPLERS				1 ½" x 12" CORE SAMPLERS <i>Stainless Steel</i>			
403.97	1 ½" X 12" Core Sampler Set with Slide Hammer	13.47 lb	\$ 377.00	404.87	1 ½" X 12" SST Core Sampler Set with Slide Hammer	13.57 lb	\$ 371.00

Includes:

404.41	1 1/2" Cap	.76 lb	\$ 121.00	404.59	1 1/2" SST Cap	.77 lb	\$ 133.00
404.00	1 1/2" X 12" Cup	2.23 lb	\$ 171.00	404.89	1 1/2" X 12" SST Cup	1.68 lb	\$ 232.00
405.57	1 1/2" X 12" Alu. Liner	.12 lb	\$ 9.00	405.81	1 1/2" X 12" SST Liner	.92 lb	\$ 11.75
418.08	1 1/2" End Caps	.01 lb	¢ .16	418.08	1 1/2" End Caps	.01 lb	¢ .16
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00

1 1/2" x 12" Core Sampler Cup & Cap Set without Slide Hammer

403.96	1 1/2" X 12" Cap & Cup	3.25 lb	\$ 286.00	404.88	1 1/2" X 12" SST Cap & Cup	3.45 lb	\$ 305.00
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SOIL CORE SAMPLERS

Core Samplers

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" x 2" CORE SAMPLERS				2" x 2" CORE SAMPLERS <i>Stainless Steel</i>			
404.02	2" X 2" Core Sampler Set with Slide Hammer	12.12 lb	\$ 263.00	404.60	2" X 2" SST Core Sampler Set with Slide Hammer	12.35 lb	\$ 316.00

Includes:

404.36	2" Cap	1.17 lb	\$ 115.00	404.76	2" SST Cap	1.18 lb	\$ 136.00
404.32	2" X 2" Cup	.68 lb	\$ 118.00	404.77	2" X 2" SST Cup	.75 lb	\$ 157.00
404.12	2" X 2" Alu. Liner	.06 lb	\$ 3.00	404.28	2" X 2" SST Liner	.20 lb	\$ 5.50
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00

2" x 2" Core Sampler Cup & Cap Set without Slide Hammer

404.07	2" X 2" Cup & Cap	1.91 lb	\$ 181.00	404.68	2" x 2" SST Cup & Cap	2.15 lb	\$ 237.00
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Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" x 3" CORE SAMPLERS				2" x 3" CORE SAMPLERS <i>Stainless Steel</i>			
404.03	2" X 3" Core Sampler Set with Slide Hammer	12.42 lb	\$ 277.00	404.61	2" X 3" SST Core Sampler Set with Slide Hammer	12.65 lb	\$ 333.00

Includes:

404.36	2" Cap	1.17 lb	\$ 115.00	404.76	2" SST Cap	1.18 lb	\$ 136.00
404.33	2" X 3" Cup	.90 lb	\$ 126.00	404.78	2" X 3" SST Cup	.98 lb	\$ 168.00
404.13	2" X 3" Alu. Liner	.08 lb	\$ 3.25	404.29	2" X 3" SST Liner	.32 lb	\$ 6.50
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00

2" x 3" Core Sampler Cup & Cap Set without Slide Hammer

404.08	2" X 3" Cup & Cap	2.20 lb	\$ 190.00	404.69	2" x 3" SST Cup & Cap	2.44 lb	\$ 243.00
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Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" x 4" CORE SAMPLERS				2" x 4" CORE SAMPLERS <i>Stainless Steel</i>			
404.04	2" X 4" Core Sampler Set with Slide Hammer	12.53 lb	\$ 285.00	404.62	2" X 4" SST Core Sampler Set with Slide Hammer	12.99 lb	\$ 340.00

Includes:

404.36	2" Cap	1.17 lb	\$ 115.00	404.76	2" SST Cap	1.18 lb	\$ 136.00
404.34	2" X 4" Cup	1.05 lb	\$ 135.00	404.80	2" X 4" SST Cup	1.18 lb	\$ 176.00
404.15	2" X 4" Alu. Liner	.12 lb	\$ 3.50	404.30	2" X 4" SST Liner	.42 lb	\$ 7.25
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00

2" x 4" Core Sampler Cup & Cap Set without Slide Hammer

404.09	2" X 4" Cup & Cap	2.32 lb	\$ 196.00	404.70	2" x 4" SST Cup & Cap	2.78 lb	\$ 249.00
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SOIL CORE SAMPLERS

Core Samplers

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" x 6" CORE SAMPLERS				2" x 6" CORE SAMPLERS <i>Stainless Steel</i>			
404.05	2" X 6" Core Sampler Set with Slide Hammer	13.08 lb	\$ 299.00	404.63	2" X 6" <i>SST</i> Core Sampler Set with Slide Hammer	13.64 lb	\$ 354.00

Includes:

404.36	2" Cap	1.17 lb	\$ 115.00	404.76	2" <i>SST</i> Cap	1.18 lb	\$ 136.00
404.35	2" X 6" Cup	1.48 lb	\$ 155.00	404.79	2" X 6" <i>SST</i> Cup	1.62 lb	\$ 194.00
404.16	2" X 6" Alu. Liner	.18 lb	\$ 4.00	404.31	2" X 6" <i>SST</i> Liner	.64 lb	\$ 8.50
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00

2 x 6" Core Sampler Cup & Cap Set without Hammer

404.10	2" x 6" Cup & Cap	2.87 lb	\$ 212.00	404.71	2" x 6" <i>SST</i> Cup & Cap	3.43 lb	\$ 263.00
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Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" x 12" CORE SAMPLERS				2" x 12" CORE SAMPLERS <i>Stainless Steel</i>			
404.50	2" X 12" Core Sampler Set with Slide Hammer	14.40 lb	\$ 352.00	404.67	2" X 12" <i>SST</i> Core Sampler Set with Slide Hammer	15.49 lb	\$ 404.00

Includes:

404.36	2" Cap	1.17 lb	\$ 115.00	404.76	2" <i>SST</i> Cap	1.18 lb	\$ 136.00
404.54	2" X 12" Cup	2.67 lb	\$ 211.00	404.84	2" X 12" <i>SST</i> Cup	2.90 lb	\$ 247.00
405.07	2" X 12" Alu. Liner	.36 lb	\$ 7.50	405.14	2" X 12" <i>SST</i> Liner	1.26 lb	\$ 12.25
418.10	2" End Caps	.02 lb	¢ .22	418.10	2" End Caps	.02 lb	¢ .22
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00

2" x 12" Core Sampler Cup & Cap Set without Hammer

404.49	2" X 12" Cup & Cap	4.19 lb	\$ 275.00	404.75	2" X 12" <i>SST</i> Cup & Cap	5.28 lb	\$ 326.00
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2" x 12" Core Sampler Set without Slide Hammer



SOIL CORE SAMPLERS

Core Samplers

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 ½" x 6" CORE SAMPLERS				2 ½" x 6" CORE SAMPLERS <i>Stainless Steel</i>			
404.44	2 ½" X 6" Core Sampler Set with Slide Hammer	14.09 lb	\$ 355.00	404.65	2 ½" X 6" SST Core Sampler Set with Slide Hammer	14.63 lb	\$ 368.00
<i>Includes:</i>							
404.43	2 ½" Cap	1.68 lb	\$ 121.00	404.86	2 ½" SST Cap	1.72 lb	\$ 140.00
404.42	2 ½" X 6" Cup	1.93 lb	\$ 184.00	404.82	2 ½" X 6" SST Cup	1.88 lb	\$ 220.00
405.15	2 ½" X 6" Alu. Liner	.24 lb	\$ 6.25	405.20	2 ½" X 6" SST Liner	.80 lb	\$ 9.75
404.85	2 ½" End Caps	.02 lb	¢ .26	404.85	2 ½" End Caps	.02 lb	¢ .26
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00
2 ½" x 6" Core Sampler Cup & Cap Set without Hammer							
404.51	2 ½" X 6" Cup & Cap	3.83 lb	\$ 275.00	404.73	2 ½" X 6" SST Cup & Cap	4.42 lb	\$ 326.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3" x 6" CORE SAMPLERS				3" x 6" CORE SAMPLERS <i>Stainless Steel</i>			
404.45	3" X 6" Core Sampler with Hammer	15.09 lb	\$ 405.00	404.66	3" X 6" SST Core Sampler with Hammer	15.98 lb	\$ 449.00
<i>Includes:</i>							
404.47	3" Cap	2.35 lb	\$ 136.00	404.57	3" SST Cap	2.35 lb	\$ 136.00
404.46	3" X 6" Cyl. Body	2.34 lb	\$ 203.00	404.83	3" X 6" SST Cyl. Body	2.35 lb	\$ 241.00
405.06	3" X 6" Alu. Liner	.26 lb	\$ 8.00	405.21	3" X 6" SST Liner	.98 lb	\$ 10.50
418.09	3" End Caps	.02 lb	¢ .27	418.09	3" End Caps	.02 lb	¢ .27
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00
3 x 6" Core Sampler Cup & Cap Set without Hammer							
404.48	3" x 6" Core Sampler Cup & Cap	4.89 lb	\$ 330.00	404.74	3" x 6" SST Core Sampler Cup & Cap	5.76 lb	\$ 368.00

Helpful Hints:

Use Fluoropolymer tape or plumber's wick on 5/8" N.C. connection on core sampler when used with a slide hammer to help the threads stay tight. Keep all fittings and samplers clean, dry and free of dirt and mud. Clean tools with warm soapy water. Always dry to prevent rusting. Use a wire brush on the N.C. threads. Use vegetable oil on tools to prevent fittings from locking up and rusting.

Multi-Stage CORE SAMPLERS

Designed for Undisturbed, High Volume, Multiple Increment, Core Sampling with Single Penetration

Heavy duty and all stainless steel, the sampler is ideal for retrieving continuous, undisturbed core samples in soils, waste pits or other semi-solid materials, including sludge. Using optional 12" sections, collect undisturbed 12" samples or multiples of 12" up to a maximum of 48". Create an access point or take a disturbed sample with augering bit.

Features Include:

- **Easy Portability**
- **Highly Durable Design**
- **High Volume Sample Collection**
- **A Unique Expandable Design, Easily Splits into Separated, Segmented Samples**
- **Sample Collection Suitable for EPA Level III or Level IV Analysis**

Application of Product

The sampler may be loaded with either a single liner for a composite sample or a series of shorter liners when segmented samples are required. Collect a core sample by pushing the core tip into the material being sampled. Pushing can be done by hand or if more drive is necessary to push the sampler into the soil, use the AMS slide hammer attachment, sold separately. Extend the range of depth by using in a pre-augered hole.



High Quality Construction

Made of the highest quality stainless steel tubing available, the basic model comprises a 300 series 12" base section and liners, solid cap and auger tip, coring tip, and slip wrench. The core tip is made from hardened 400 series stainless steel, and is heat-treated and case hardened for long life. The auger bits are made of 304 series stainless steel. AMS extensions, cross handle, and slide hammer, sold separately. Optional stainless steel 12" body extensions are available.

Part #	Description	Weight	Price
MULTI-STAGE CORE SAMPLERS			
403.27	2" x 6" Multi-Stage Core Sampler	9.20 lb	\$ 602.00

Includes:

403.22	Solid Cap	1.30 lb	\$ 108.00
403.24	Cylinder Body	4.10 lb	\$ 168.00
403.25	Core Tip	.55 lb	\$ 142.00
403.26	Auger Tip	.60 lb	\$ 168.00
405.14	2" x 12" SST Liner	1.26 lb	\$ 12.25
418.10	2" End Caps	.02 lb	¢ .22
421.29	Slip Wrench	1.24 lb	\$ 33.00

Part #	Description	Weight	Price
2" SPLIT CORE SAMPLER ACCESSORIES			
403.29	2" Valved Auger Tip	1.20 lb	\$ 201.00
403.28	2" Valved Core Tip	.80 lb	\$ 176.00
403.23	2" Cylinder Coupling	.25 lb	\$ 77.00

Split Core **SAMPLERS**

Designed with a Vertically Split Cylinder that Allows Easy Extraction of the Soil Core from the Liner and Prevents Breakage of the Core

The most versatile core sampler by far! Use it without a liner to collect undisturbed cores for immediate field examination and testing OR use it with a liner for collection of undisturbed, sealed cores, suitable for EPA level III or Level IV analysis. Extend the length of the sampler by joining 2 split bodies. Sampler can also be used with an augering bit for easier access to the sampling point or to obtain disturbed samples. Valved core and auger tips can be added for sludge sampling applications.

Features Include:

- **Split-Core Design for Easier Core Extraction**
- **Design for Use with or without Liners**
- **Expandable Design Similar to the AMS Multi-Stage Sampler**
- **Easy Collection of Separated, Segmented Samples**
- **A Smooth Outer Surface and Oversized Cutting Bits which Prevents Binding**
- **All Stainless Steel Construction for Easy Acid Bath Decontamination**
- **Quick Inspection of Moisture Content, Soil Consistency and Use of a PID or FID Right on the Spot**

High Quality Construction

All 304 stainless steel construction with precision crafted split core cups with positive locking recessed channels. Available with hardened 400 series core and 300 series auger tips. Available in three sizes, 1 3/8", 2", and 2 1/2", and either 6" or 12" lengths. Specify length and diameter when ordering. The sizes shown are the liners size; the sampler O.D. is 1/4 inch larger than the sizes shown.

Application of Product

Designed to easily collect undisturbed samples with minimal effort, by pushing the core tip into the material being sampled. Pushing can be done by hand or by using the AMS slide hammer. Extend the range of depth by using in a pre augered hole. Take sufficient extensions to the field to allow collection from the deepest point plus about three feet to allow for proper use of the AMS slide hammer.

AMS Split Core Sampler comes complete with:

- **Split Cup Set Top Cap**
- **Core Tip, Auger Tip OR with Both Tips**
- **Stainless Steel Liners**
- **End Caps**
- **Slip Wrench**



AMS Inc. • 105 Harrison Street • American Falls, Idaho 83211

SOIL CORE SAMPLERS

Split Core Sampler

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 3/8" SPLIT CORE SAMPLERS with AUGER TIP & CORE TIP							
403.595	1 3/8" X 6" Split Core Both Tips	5.00 lb	\$ 585.00	403.596	1 3/8" X 12" Split Core Both Tips	8.00 lb	\$ 644.00

Includes:

1 3/8" Split Core Sampler with Both Tips Share these Components:				403.599	1 3/8" Solid Cap	.70 lb	\$ 112.00
				403.601	1 3/8" Core Tip	.50 lb	\$ 157.00
				403.60	1 3/8" Auger Tip	.50 lb	\$ 196.00
				418.11	1 3/8" End Caps	.01 lb	¢ .24
				421.29	Slip Wrench	1.24 lb	\$ 33.00
403.597	1 3/8" x 6" Split Cup Set	1.90 lb	\$ 222.00	403.598	1 3/8" x 12" Split Cup Set	4.00 lb	\$ 236.00
403.87	1 3/8" x 6" SST Liner	.26 lb	\$ 6.75	403.88	1 3/8" x 12" SST Liner	.52 lb	\$ 9.28

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 3/8" SPLIT CORE SAMPLERS with AUGER TIP							
403.593	1 3/8" X 6" Split Core Sampler Auger Tip	4.00 lb	\$ 494.00	403.594	1 3/8" X 12" Split Core Sampler Auger Tip	7.50 lb	\$ 526.00

Includes:

1 3/8" Split Core Sampler with Auger Tip Share these Components:				403.599	1 3/8" Solid Cap	.70 lb	\$ 112.00
				403.60	1 3/8" Auger Tip	.50 lb	\$ 196.00
				418.11	1 3/8" End Caps	.01 lb	¢ .24
				421.29	Slip Wrench	1.24 lb	\$ 33.00
403.597	1 3/8" x 6" Split Cup Set	1.90 lb	\$ 222.00	403.598	1 3/8" x 12" Split Cup Set	4.00 lb	\$ 236.00
403.87	1 3/8" x 6" SST Liner	.26 lb	\$ 6.75	403.88	1 3/8" x 12" SST Liner	.52 lb	\$ 9.28

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 3/8" SPLIT CORE SAMPLERS with CORE TIP							
403.595	1 3/8" X 6" Split Core Sampler Core Tip	4.00 lb	\$ 455.00	403.592	1 3/8" X 12" Split Core Sampler Core Tip	7.50 lb	\$ 488.00

Includes:

1 3/8" Split Core Sampler with Core Tip Share these Components:				403.599	1 3/8" Solid Cap	.70 lb	\$ 112.00
				403.601	1 3/8" Core Tip	.50 lb	\$ 157.00
				418.11	1 3/8" End Caps	.01 lb	¢ .24
				421.29	Slip Wrench	1.24 lb	\$ 33.00
403.597	1 3/8" x 6" Split Cup Set	1.90 lb	\$ 222.00	403.598	1 3/8" x 12" Split Cup Set	4.00 lb	\$ 236.00
403.87	1 3/8" x 6" SST Liner	.26 lb	\$ 6.75	403.88	1 3/8" x 12" SST Liner	.52 lb	\$ 9.28

Part #	Description	Weight	Price
1 3/8" SPLIT CORE SAMPLER ACCESSORIES			
403.758	1 3/8" Valved Auger Tip	1.00 lb	\$ 230.00
403.756	1 3/8" Valved Core Tip	.80 lb	\$ 209.00
403.602	1 3/8" Cylinder Coupling	.25 lb	\$ 77.00



SOIL CORE SAMPLERS

Split Core Samplers

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" SPLIT CORE SAMPLERS with AUGER TIP & CORE TIP							
403.61	2" X 6" Split Core Sampler, Both Tips	7.00 lb	\$ 591.00	403.63	2" X 12" Split Core Sampler, Both Tips	10.50 lb	\$ 649.00

Includes:

<i>2" Split Core Sampler with Both Tips Share these Components</i>				403.48	2" Solid Cap	1.00 lb	\$ 114.00
				403.50	2" Core Tip	.60 lb	\$ 160.00
				403.69	2" Auger Tip	.70 lb	\$ 202.00
				418.10	2" End Caps	.02 lb	¢ .22
				421.29	Slip Wrench	1.24 lb	\$ 33.00
403.44	2" x 6" Split Cup Set	2.50 lb	\$ 227.00	403.45	2" x 12" Split Cup Set	5.10 lb	\$ 246.00
404.31	2" x 6" SST Liner	.64 lb	\$ 8.50	405.14	2" x 12" SST Liner	1.26 lb	\$ 12.25

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" SPLIT CORE SAMPLERS with AUGER TIP							
403.53	2" X 6" Split Core Sampler, Auger Tip	6.00 lb	\$ 501.00	403.55	2" X 12" Split Core Sampler, Auger Tip	9.50 lb	\$ 531.00

Includes:

<i>2" Split Core Sampler with Auger Tip Share these Components</i>				403.48	2" Solid Cap	1.00 lb	\$ 114.00
				403.69	2" Auger Tip	.50 lb	\$ 202.00
				418.10	2" End Caps	.02 lb	¢ .22
				421.29	Slip Wrench	1.24 lb	\$ 33.00
403.44	2" x 6" Split Cup Set	2.50 lb	\$ 227.00	403.45	2" x 12" Split Cup Set	5.10 lb	\$ 246.00
404.31	2" x 6" SST Liner	.64 lb	\$ 8.50	404.14	2" x 12" SST Liner	1.26 lb	\$ 12.25

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" SPLIT CORE SAMPLERS with CORE TIP							
403.40	2" X 6" Split Core Sampler, Core Tip	6.00 lb	\$ 461.00	403.41	2" X 12" Split Core Sampler, Core Tip	9.50 lb	\$ 494.00

Includes:

<i>2" Split Core Sampler with Core Tip Share these Components</i>				403.48	2" Solid Cap	1.00 lb	\$ 114.00
				403.50	2" Core Tip	.60 lb	\$ 160.00
				418.10	2" End Caps	.02 lb	¢ .22
				421.29	Slip Wrench	1.24 lb	\$ 33.00
403.44	2" x 6" Split Cup Set	2.50 lb	\$ 227.00	403.45	2" x 12" Split Cup Set	5.10 lb	\$ 246.00
404.31	2" x 6" SST Liner	.64 lb	\$ 8.50	404.14	2" x 12" SST Liner	1.26 lb	\$ 12.25

Part #	Description	Weight	Price
2" SPLIT CORE SAMPLER ACCESSORIES			
403.752	2" Valved Auger Tip	1.30 lb	\$ 228.00
403.74	2" Valved Core Tip	1.00 lb	\$ 212.00
403.73	2" Cylinder Coupling	.30 lb	\$ 78.50



SOIL CORE SAMPLERS

Split Core Samplers

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 ½" SPLIT CORE SAMPLERS with AUGER TIP & CORE TIP							
403.65	2 ½" X 6" Split Core Sampler, Both Tips	8.00 lb	\$ 649.00	403.67	2 ½" X 12" Split Core Sampler, Both Tips	12.00 lb	\$ 688.00

Includes:

<i>2" Split Core Sampler with Both Tips Share these Components:</i>				403.49	2 ½" Solid Cap	1.30 lb	\$ 122.00
				403.51	2 ½" Core Tip	.70 lb	\$ 174.00
				403.71	2 ½" Auger Tip	.100 lb	\$ 214.00
				404.85	2 ½" End Caps	.02 lb	¢ .26
				421.29	Slip Wrench	1.24 lb	\$ 33.00
403.46	2 ½" x 6" Split Cup Set	3.00 lb	\$ 241.00	403.47	2 ½" x 12" Split Cup Set	5.70 lb	\$ 263.00
405.20	2 ½" x 6" SST Liner	.80 lb	\$ 9.75	405.88	2 ½" x 12" SST Liner	1.56 lb	\$ 14.25

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 ½" SPLIT CORE SAMPLERS with AUGER TIP							
403.57	2 ½" X 6" Split Core Sampler, Auger Tip	7.30 lb	\$ 531.00	403.59	2 ½" X 12" Split Core Sampler, Auger Tip	11.00 lb	\$ 557.00

Includes:

<i>2" Split Core Sampler with Auger Tip Share these Components:</i>				403.49	2 ½" Solid Cap	1.30 lb	\$ 122.00
				403.71	2 ½" Auger Tip	.100 lb	\$ 214.00
				404.85	2 ½" End Caps	.02 lb	¢ .26
				421.29	Slip Wrench	1.24 lb	\$ 33.00
				403.47	2 ½" x 12" Split Cup Set	5.70 lb	\$ 263.00
403.46	2 ½" x 6" Split Cup Set	3.00 lb	\$ 241.00	405.88	2 ½" x 12" SST Liner	1.56 lb	\$ 14.25
405.20	2 ½" x 6" SST Liner	.80 lb	\$ 9.75				

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 ½" SPLIT CORE SAMPLERS with CORE TIP							
403.42	2 ½" X 6" Split Core Sampler, Core Tip	7.30 lb	\$ 494.00	403.43	2 ½" X 12" Split Core Sampler, Core Tip	11.00 lb	\$ 520.00

Includes:

<i>2" Split Core Sampler with Core Tip Share these Components:</i>				403.49	2 ½" Solid Cap	1.30 lb	\$ 122.00
				403.51	2 ½" Core Tip	.70 lb	\$ 174.00
				404.85	2 ½" End Caps	.02 lb	¢ .26
				421.29	Slip Wrench	1.24 lb	\$ 33.00
				403.47	2 ½" x 12" Split Cup Set	5.70 lb	\$ 263.00
403.46	2 ½" x 6" Split Cup Set	3.00 lb	\$ 241.00	405.88	2 ½" x 12" SST Liner	1.56 lb	\$ 14.25
405.20	2 ½" x 6" SST Liner	.80 lb	\$ 9.75				

Part #	Description	Weight	Price
2 ½" SPLIT CORE SAMPLER ACCESSORIES			
403.754	2 ½" Valved Auger Tip	1.70 lb	\$ 240.00
403.75	2 ½" Valved Core Tip	1.20 lb	\$ 227.00
403.72	2 ½" Cylinder Coupling	.40 lb	\$ 79.50



SOIL CORE SAMPLERS

Sludge Sampler



Sludge SAMPLERS

Specifically Designed to Retain Non Cohesive Sludge Samples

Similar in design to the AMS core sampler, this sampler comes with core and auger bits that have been fitted with valves for retention of high quality core samples from non cohesive, saturated materials. The tip of the sampler incorporates a one-way butterfly valve that allows material into the sampler, but prevents it from escaping by closing as the sampler is withdrawn from the material. Made entirely from stainless steel and easy to decontaminate. The sampler is available in two sizes 2 1/4" and 3 1/4" O.D.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
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2 1/4" SLUDGE SAMPLER 5/8" N.C. THREAD

428.11	2 1/4" X 8" Sludge Sampler, 5/8"	5.93 lb	\$ 523.00	428.12	2 1/4" X 10" Sludge Sampler, 5/8"	6.29 lb	\$526.00
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Includes:

2 1/4" Sludge Sampler with 5/8" NC Thread
Share these Components

428.10	2 1/4" Solid Cap	1.33 lb	\$ 116.00
428.07	2 1/4" Valved Core Tip	.61 lb	\$ 169.00
428.08	2 1/4" Valved Auger Tip	.83 lb	\$ 202.00
421.29	Slip Wrench	1.24	\$ 33.00
418.10	2" End Caps	.02 lb	¢ .22

428.09	2 1/4" x 8" Cyl. Body	1.65 lb	\$ 114.00
422.03	2" x 8" Plastic Liner	.14 lb	\$ 3.50

428.24	2 1/4" x 10" Cyl. Body	2.10 lb	\$ 122.00
422.04	2" x 10" Plastic Liner	.18 lb	\$ 3.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
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2 1/4" SLUDGE SAMPLER QUICK CONNECT

328.11	2 1/4" X 8" Sludge Sampler, Q.C.	6.24 lb	\$ 535.00	328.12	2 1/4" X 10" Sludge Sampler, Q.C.	6.72 lb	\$ 417.60
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Includes:

2 1/4" Sludge Sampler with Quick Connect
Share these Components

328.10	2 1/4" Solid Cap, Q.C.	1.66 lb	\$ 131.00
428.07	2 1/4" Valved Core Tip	.61 lb	\$ 169.00
428.08	2 1/4" Valved Auger Tip	1.39 lb	\$ 202.00
421.29	Slip Wrench	1.24 lb	\$ 33.00
418.10	2" End Caps	.02 lb	¢ .22

428.09	2 1/4" x 8" Cyl. Body	1.65 lb	\$ 114.00
422.03	2" x 8" Plastic Liner	.14 lb	\$ 3.50

428.24	2 1/4" x 10" Cyl. Body	2.10 lb	\$ 122.00
422.04	2" x 10" Plastic Liner	.18 lb	\$ 4.00

Part #	Description	Weight	Price
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2 1/4" SLUDGE SAMPLER ACCESSORY TIPS

428.21	2 1/4" Auger Tip	.64 lb	\$ 169.00
428.22	2 1/4" Core Tip	.59 lb	\$ 136.00



SOIL CORE SAMPLERS

Sludge Samplers

Features Include:

- High Quality Core Samples of Non Cohesive, Saturated Materials for Geotechnical and Chemical Analysis.
- Simple Manual Operation
- Portable Design

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" SLUDGE SAMPLER 5/8" N.C. THREAD							
428.13	3 1/4" X 10" Sludge Sampler, 5/8"	9.19 lb	\$ 528.00	428.01	3 1/4" X 12" Sludge Sampler, 5/8"	9.82 lb	\$ 532.00

Includes:

3 1/4" Sludge Sampler Kits with 5/8" Thread Share these Components				428.15	3 1/4" Solid Cap	2.27 lb	\$ 116.00
				428.17	3 1/4" Valved Core Tip	.95 lb	\$ 169.00
				428.16	3 1/4" Valved Auger Tip	1.39 lb	\$ 202.00
				421.29	Slip Wrench	1.24	\$ 33.00
				418.09	3" End Caps	.02 lb	¢ .27
428.26	3 1/4" x 10" Cyl. Body	3.04 lb	\$ 121.00	428.28	3 1/4" x 12" Cyl. Body	3.80 lb	\$ 125.00
422.01	3" x 10" Plastic Liner	.30 lb	\$ 5.25	422.02	3" x 12" Plastic Liner	.32 lb	\$ 6.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" SLUDGE SAMPLER QUICK CONNECT							
328.13	3 1/4" X 10" Sludge Sampler Q.C.	9.57 lb	\$ 540.00	328.01	3 1/4" X 12" Sludge Sampler Q.C.	10.21 lb	\$ 544.00

Includes:

3 1/4" Sludge Sampler with Quick Connect Share these Components				328.15	3 1/4" Solid Cap, Q.C.	2.59 lb	\$ 131.00
				428.17	3 1/4" Valved Core Tip	.95 lb	\$ 169.00
				428.16	3 1/4" Valved Auger Tip	1.39 lb	\$ 202.00
				421.29	Slip Wrench	1.24	\$ 33.00
				418.09	3" End Caps	.02 lb	¢ .27
428.26	3 1/4" x 10" Cyl. Body	3.04 lb	\$ 121.00	428.28	3 1/4" x 12" Cyl. Body	3.80 lb	\$ 125.00
422.01	3" x 10" Plastic Liner	.30 lb	\$ 5.25	422.02	3" x 12" Plastic Liner	.32 lb	\$ 6.00

Part #	Description	Weight	Price
2 1/4" SLUDGE SAMPLER ACCESSORY TIPS			
428.19	3 1/4" Auger Tip	1.35 lb	\$174.00
428.20	3 1/4" Core Tip	.80 lb	\$141.00



Multi-Stage, Valved **SLUDGE SAMPLERS**

Prevent Your Sample From Escaping!

Similar to the AMS multi-stage core sampler but equipped with an optional butterfly valve which allows material into the samplers but, prevents it from escaping by closing as the sampler is withdrawn from the material. This sampler has a valved core tip and may be used to collect 2" diameter samples from one foot up to six feet long. The sampler should be used with liners. Select either a single liner or multiple smaller sections for collection of segmented samples.

Part #	Description	Weight	Price
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MULTI-STAGE VALVED SLUDGE SAMPLER

403.30	2" X 12" Multi-Stage Valved Sludge Sampler	10.30 lb	\$ 421.00
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Includes:

403.22	2" Solid Cap	1.30 lb	\$ 108.00
403.24	2" x 12" Base Section	4.10 lb	\$ 168.00
403.28	2" Sludge Core Tip	.80 lb	\$ 181.00
405.14	2"x 12" <i>SST</i> Liner	1.24 lb	\$ 12.25
418.10	2" End Caps	.02 lb	¢ .22
421.29	Slip Wrench	1.24 lb	\$ 33.00



Split Core **VALVED SAMPLERS**

Collect Highly Saturated Samples from Sludge Bottom Ponds, Pits, and Lined Ponds

Similar to the AMS Spit Core Sampler but equipped with an optional butterfly valve for sampling sludge. This sampler is able to take 12" long samples of saturated materials. Sampler may be used without a liner when field examination and testing are required. The design allows easy exposure of the core sample.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
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SPLIT CORE VALVED SAMPLERS

403.38	2" X 6" Split Core Valved Sampler	4.70 lb	\$ 504.00	403.39	2" X 12" Split Core Valved Sampler	7.30 lb	\$ 515.00
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Includes:

2" Split Core Valved Samplers Share these Components:				403.48	2" Solid Cap	1.00 lb	\$ 114.00
				403.74	2" Valved Core Tip	1.00 lb	\$ 212.00
				421.29	Slip Wrench	1.24 lb	\$ 33.00
				418.10	2" End Caps	.02 lb	¢ .22
403.44	2" x 6" Split Cup Set	2.50 lb	\$ 227.00	403.45	2" x 12" Split Cup Set	5.10 lb	\$ 246.00
404.31	2" x 6" <i>SST</i> Liner	.62 lb	\$ 8.50	405.14	2" x 12" <i>SST</i> Liner	1.26 lb	\$ 12.25

Discrete **SLUDGE SAMPLER**

Samples of Semi-Liquid Materials to be Collected from Discrete Depths Under Operator Control

The sampler has a slotted piston positioned behind the butterfly valve to keep it closed as the sampler is lowered or pushed to the sampling point. The piston is withdrawn using the "T" handle. It is then locked, using a twist clamp on the top of the outer tube cap and piston and the exposed liner end capped. After inverting the sampler, the liner may then be removed and the lower end of the liner capped. Designed to allow 12" long by 2" or 3" samples.



Available In Two Diameters 2 1/4" and 3 1/4" For Added Versatility.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
DISCRETE SLUDGE SAMPLERS							
437.00	2 1/4" X 12" Discrete Sludge Sampler	13.60 lb	\$ 834.00	438.00	3 1/4" X 12" Discrete Sludge Sampler	15.80 lb	\$ 893.00

Includes:

405.14	2" x 12" SST Liner	1.26 lb	\$ 12.25	422.06	3" x 12" ST Liner	1.94 lb	\$ 17.25
428.07	2 1/4" Valved Core Tip	.61 lb	\$ 169.00	428.17	3 1/4" Valved Core Tip	.95 lb	\$ 169.00
437.10	2 1/4" x 12" Cyl. Body	2.54	\$ 128.00	438.10	3 1/4" x 12" Cyl. Body	3.80 lb	\$ 123.00
437.15	2 1/4" Check Valve	1.68 lb	\$ 187.00	438.15	3 1/4" Check Valve	2.00	\$ 210.00
437.20	2" Plunger	1.76 lb	\$ 100.00	438.20	3" Plunger	2.90 lb	\$ 110.00
437.25	Coupling with Spring Lock pin	.50 lb	\$ 149.00	437.25	Coupling with Spring Lock pin	.50 lb	\$ 149.00
437.35	Inner Rod with T Handle	.50 lb	\$ 29.00	437.35	Inner Rod with T Handle	.50 lb	\$ 29.00
437.53	3' Extension	6.00 lb	\$ 97.00	437.53	3' Extension	6.00 lb	\$ 97.00

Screw Type **DRUM SAMPLER**

Sample Soft or Compacted, Fine or Granular Materials from Drums or Waste Piles

The AMS screw type drum sampler incorporates a continuous flighted screw within a tube for transfer of the sample from the tip to the collection container at the top of the sampler. Collection of either a discrete or composite core sample is possible with a single penetration. Stainless steel design for easy decontamination.



Part #	Description	Weight	Price
SCREW TYPE DRUM SAMPLER			
435.00	1 1/4" x 42" Screw Type Drum Sampler	13.00 lb	\$1020.00

SOIL CORE SAMPLER ACCESSORIES

Complete your Core Sampling Units with the Addition of Cross Handles, Extensions and a Slide Hammer

Regular **CROSS HANDLES**

Increase Operator Comfort and Added Protection

Available in uncoated 4130 chrome molybdenum or molded rubber coated chrome molybdenum for increased operator comfort and protection against shock when using around electricity.



Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" NATIONAL COARSE THREAD				5/8" NATIONAL COARSE THREAD- SST			
406.02	16" Standard	.78 lb	\$ 24.00	409.11	16" Standard -SST	1.04 lb	\$ 35.00
406.04	16" Rubber Coated	1.04 lb	\$ 33.00				

Ratcheting **CROSS HANDLE**

Ratcheting Mechanism Reduces Operator Effort and Allows Use in Tight Situations

Designed to reduce effort, operator fatigue, and also allows for use in tight field situations. A convenient adjustment below the handle changes the direction of the ratchet action.



Part #	Description	Weight	Price
5/8" NATIONAL COARSE THREAD			
406.80	16" Ratcheting	2.02 lb	\$ 98.50

SLIDE HAMMERS

Pounds Down for Easy Penetration Up for Soil Extraction

Rubber coating makes it easy to hold onto and use, as well as significantly absorbs the impact shock. Available in three different weights.

Part #	Description	Weight	Price
5/8" NATIONAL COARSE THREAD			
400.96	Compact Slide Hammer	7.68 lb	\$ 141.00
400.99	Regular Slide Hammer	10.22 lb	\$ 144.00
400.93	H.D. Slide Hammer	18.90 lb	\$ 205.00





EXTENSIONS

Maximum Strength and Minimum Torque in Tough Soil Sampling Conditions

Available in your choice of two materials: 4130 aircraft quality, chrome molybdenum seamless tubing, or stainless steel.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C.				5/8" N.C. THREAD -SST			
408.04	5' Extension	2.40 lb	\$ 54.50	409.10	5' Extension - SST	2.56 lb	\$ 76.00
408.03	4' Extension	2.29 lb	\$ 51.50	409.09	4' Extension - SST	2.11 lb	\$ 73.50
408.02	3' Extension	1.63 lb	\$ 49.50	409.08	3' Extension - SST	1.66 lb	\$ 71.50
408.01	2' Extension	1.16 lb	\$ 47.50	409.07	2' Extension - SST	1.22 lb	\$ 69.50
408.00	1' Extension	.75 lb	\$ 45.50	409.06	1' Extension - SST	.77 lb	\$ 66.50

LINERS

Plastic, Stainless Steel, Brass, Fluoropolymer or Aluminum Liners for Single or Segmented Use

Order liners by size and material type desired. Specify length and diameter when ordering. For a complete list of sizes and materials, see page 82



END CAPS



Loss of Volatiles is Minimized with Stainless Steel Cap Inserts or Fluoropolymer Film

When ordering end caps, specify size and quantity desired. For a complete list of sizes, see page 84.

CORE CATCHERS

Prevent Loss of Sample When Sampling Dry Loose Soils

Available in a standard 2" size for our 2" core samplers, multi-stage core sampler and split core sampler. Made from thin plastic, the catcher fits into the liner. It is used in loose materials such as sand and unconsolidated loam soil to hold the sample in place when recovering the sampler from the bore hole. See page 84 for more details.



AMS SOIL PROBES

Soil probes offer a simple way to collect shallow subsurface soil samples, easily and economically. AMS offers a variety of soil probe types to facilitate discrete, continuous core sample collection. When advanced into the subsurface with an AMS cross handle or AMS slide hammer, undisturbed soil and sediment samples for soil profile descriptions and geotechnical analysis can be collected. Samples collected within liners are suitable for high quality chemical analysis for volatile compounds.

Application of Product

Soil probes are assembled with either the supplied AMS cross handle or the optional AMS slide hammer, and then driven into the ground. Advancement into the soil is done by hand pushing the cross handle or by pounding down with the AMS slide hammer. Once sampling depth is achieved, a discrete soil sample is retrieved by pulling back on the cross handle or tapping upward with the slide hammer. Collect continuous soil samples from the same bore hole with AMS extensions, sold separately. For most models, greater depth can be reached by sampling in a pre-drilled bore hole and using AMS extensions.

Features Include:

- **Rust-Resistant, Sturdy Design which Resists Bending and Twisting Out of Shape**
- **Design Compatible for Use With or Without Liners**
- **Removable, Corrosion-resistant 9' Cross Handle**
- **Clean, Wide Slot in the Probe Body, for Easy Removal of Sample**



Regular **SOIL PROBES***Take Quick and Easy Samples of Soil Type, Condition and Consistency*

Field tested and trusted worldwide as the instrument of choice among farmers, agricultural consultants, fertilizer technicians and other professionals as a means of retrieving 12" soil core samples for analysis of nutrient, moisture content and soil consistency. Used also to take turf samples in parks, golf courses or yards. Great tool for boring small diameter holes around trees or shrubs for direct fertilization! AMS extensions and AMS slide hammer are recommended for easier soil advancement, sold separately.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/8" SOIL PROBES				7/8" SOIL PROBES, <i>Stainless Steel</i>			
401.02	7/8" X 21" Soil Probe	1.52 lb	\$ 40.50	401.13	7/8" X 21" <i>SST</i> Soil Probe	1.51 lb	\$ 61.50
401.05	7/8" X 21" Soil Probe & Slide Hammer	11.73 lb	\$166.00	401.14	7/8" X 21" <i>SST</i> Soil Probe & Slide Hammer	11.67 lb	\$ 185.00
401.01	7/8" X 33" Soil Probe	1.93 lb	\$ 47.00	401.15	7/8" X 33" <i>SST</i> Soil Probe	1.94 lb	\$ 67.50
401.07	7/8" X 33" Soil Probe & Slide Hammer	12.14 lb	\$ 171.00	401.16	7/8" X 33" <i>SST</i> Soil Probe & Slide Hammer		\$ 191.00
Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/8" SOIL PROBES				1 1/8" SOIL PROBES, <i>Stainless Steel</i>			
401.11	1 1/8" X 24" Soil Probe	2.15 lb	\$ 54.50	401.17	1 1/8" X 24" <i>SST</i> Soil Probe	3.30 lb	\$ 85.50
401.19	1 1/8" X 24" Soil Probe & Side Hammer	12.36 lb	\$ 179.00	401.18	1 1/8" X 24" <i>SST</i> Soil Probe & Side Hammer	13.47 lb	\$ 205.00



Soil Recovery **PROBES**

Quickly and Inexpensively, Collect High Quality, Continuous Shallow Core Samples from Surface to 24" Deep

The AMS soil recovery probe collects the sample in a liner. The probe has a special threaded top cap to accommodate the exclusive AMS Reach & Grab liner recovery system. The liners are 1 3/4" longer than the specified probe length to allow easy removal from the probe body.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/8" x 12" SOIL PROBES				7/8" x 12" SOIL PROBES, <i>Stainless Steel</i>			
424.11	7/8" X 12" SRP	1.96 lb	\$ 115.00	424.45	7/8" X 12" <i>SST</i> SRP	2.01 lb	\$ 177.00

Includes:

401.22	9" Cross Handle	.60 lb	\$ 20.50	401.24	10" <i>SST</i> Cross Handle	.60 lb	\$ 29.00
440.09	7/8" Cap	.55 lb	\$ 35.50	424.56	7/8" <i>SST</i> Cap	.59 lb	\$ 47.00
425.22	3/4" End Caps	.02 lb	¢ .07	425.22	3/4" End Caps	.02 lb	¢ .07
425.07	3/4" x 12" Plastic Liner	.04 lb	\$ 1.00	425.15	3/4" x 12" <i>SST</i> Liner	.28 lb	\$ 6.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/8" x 18" SOIL PROBES				7/8" x 18" SOIL PROBES, <i>Stainless Steel</i>			
424.13	7/8" X 18" SRP	2.15 lb	\$ 124.00	424.46	7/8" X 18" <i>SST</i> SRP	2.24 lb	\$184.00

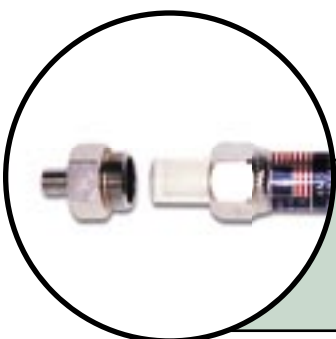
Includes:

401.22	9" Cross Handle	.60 lb	\$ 20.50	401.24	10" <i>SST</i> Cross Handle	.60 lb	\$ 29.00
440.09	7/8" Cap	.55 lb	\$ 35.50	424.56	7/8" <i>SST</i> Cap	.59 lb	\$ 47.00
425.22	3/4" End Caps	.02 lb	¢ .07	425.22	3/4" End Caps	.02 lb	¢ .07
425.08	3/4" x 18" Plastic Liner	.06 lb	\$ 1.25	425.16	3/4" x 18" <i>SST</i> Liner	.30 lb	\$ 7.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/8" x 24" SOIL PROBES				7/8" x 24" SOIL PROBES, <i>Stainless Steel</i>			
424.15	7/8" X 24" SRP	2.44 lb	\$ 131.00	424.47	7/8" X 24" <i>SST</i> SRP	2.49 lb	\$189.00

Includes:

401.22	9" Cross Handle	.06 lb	\$ 20.50	401.24	10" <i>SST</i> Cross Handle	.60 lb	\$ 29.00
440.09	7/8" Cap	.55 lb	\$ 35.50	424.56	7/8" <i>SST</i> Cap	.59 lb	\$ 47.00
425.22	3/4" End Caps	.02 lb	¢ .07	425.22	3/4" End Caps	.02 lb	¢ .07
425.09	3/4" x 24" Plastic Liner	.08 lb	\$ 1.50	425.17	3/4" x 24" <i>SST</i> Liner	.45 lb	\$ 8.75



Sample integrity is improved with the AMS "Reach-&-Grab" liner removal system, which allows the liner to protrude beyond the probe body by 1 3/4", accommodating easy removal without handling or disturbing the sample. Liners are available in plastic or stainless steel.

AMS Recommendation:

Use of the slide hammer is recommended when you expect to encounter frozen, hard or dry soils. The up and down motion of the slide hammer assists with faster penetration and easy removal of the probe. The slide hammer also reduce the possibility of twisting and bending under certain conditions.

AMS Slide Hammers Sold Separately



*Unslotted Soil Recovery Probes
Require Removable Liners*

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/8" x 12" SRP				1 1/8" x 12" SRP, <i>Stainless Steel</i>			
424.03	1 1/8" X 12" SRP	2.12 lb	\$ 131.00	424.41	1 1/8" X 12" SST SRP	2.77 lb	\$ 189.00

Includes:

401.28	10" Cross Handle	.75 lb	\$21.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.08	1 1/8" Cap	.46 lb	\$ 35.50	424.57	1 1/8" SST Cap	.59 lb	\$ 47.00
425.18	1" End Caps	.02 lb	¢ .07	425.18	1" End Caps	.02 lb	¢ .07
425.02	1" x 12" Plastic Liner	.06 lb	\$ 1.25	425.11	1" x 12" SST Liner	.40 lb	\$ 7.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/8" x 18" SRP				1 1/8" x 18" SRP, <i>Stainless Steel</i>			
424.05	1 1/8" X 18" SRP	2.39 lb	\$ 138.00	424.42	1 1/8" X 18" SST SRP	3.62	\$ 196.00

Includes:

401.28	10" Cross Handle	.75 lb	\$ 21.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.08	1 1/8" Cap	.46 lb	\$ 35.50	424.57	1 1/8" SST Cap	.59 lb	\$ 47.00
425.18	1" End Caps	.02 lb	¢ .07	425.18	1" End Caps	.02 lb	¢ .07
425.03	1" x 18" Plastic Liner	.08 lb	\$ 1.50	425.12	1" x 18" SST Liner	.58 lb	\$ 8.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/8" x 24" SRP				1 1/8" x 24" SRP, <i>Stainless Steel</i>			
424.07	1 1/8" X 24" SRP	2.74 lb	\$ 143.00	424.43	1 1/8" X 24" SST SRP	4.40 lb	\$ 205.00

Includes:

401.28	10" Cross Handle	.75 lb	\$ 21.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.08	1 1/8" Cap	.46 lb	\$ 35.50	424.57	1 1/8" SST Cap	.59 lb	\$ 47.00
425.18	1" End Caps	.02 lb	¢ .07	425.18	1" End Caps	.02 lb	¢ .07
425.04	1" x 24" Plastic Liner	.18 lb	\$ 2.00	425.13	1" x 24" SST Liner	.77 lb	\$ 9.75



Dual Purpose Soil Recovery **PROBES**

Basically Two Probes in One!

Slotted design used for general sampling with or without liners to ensure uncontaminated soil samples for hazardous testing.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/8" x 12" DUAL PURPOSE SRP				7/8" x 12" DUAL PURPOSE SRP, SST			
424.27	7/8" X 12" Dual Purpose SRP	1.81 lb	\$ 145.00	424.53	7/8" X 12" SST Dual Purpose SRP	1.98 lb	\$ 199.00

Includes:

401.22	9" Cross Handle	.60 lb	\$ 20.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.09	7/8" Cap	.55 lb	\$ 35.50	424.56	7/8" SST Cap	.59 lb	\$ 47.00
425.22	3/4" End Caps	.02 lb	¢ .07	425.22	3/4" End Caps	.02 lb	¢ .07
425.07	3/4" x 12" Plastic Liner	.04 lb	\$ 1.00	425.15	3/4" x 12" SST Liner	.28 lb	\$ 6.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/8" x 18" DUAL PURPOSE SRP				7/8" x 18" DUAL PURPOSE SRP, SST			
424.49	7/8" X 18" Dual Purpose SRP	2.00 lb	\$ 152.00	424.54	7/8" X 18" SST Dual Purpose SRP	2.14 lb	\$ 206.00

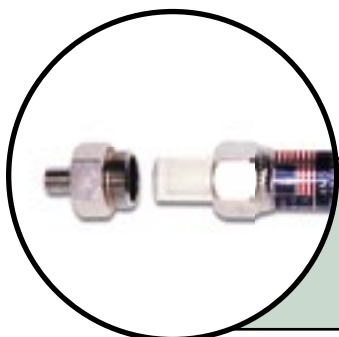
Includes:

401.22	9" Cross Handle	.60 lb	\$ 20.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.09	7/8" Cap	.55 lb	\$ 35.50	424.56	7/8" SST Cap	.59 lb	\$ 47.00
425.22	3/4" End Caps	.02 lb	¢ .07	425.22	3/4" End Caps	.02 lb	¢ .07
425.08	3/4" x 18" Plastic Liner	.06 lb	\$ 1.25	425.16	3/4" x 18" SST Liner	.30 lb	\$ 7.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/8" x 24" DUAL PURPOSE SRP				7/8" x 24" DUAL PURPOSE SRP, SST			
424.31	7/8" X 24" Dual Purpose SRP	2.29 lb	\$ 159.00	424.55	7/8" X 24" SST Dual Purpose SRP	2.38 lb	\$ 211.00

Includes:

401.22	9" Cross Handle	.60 lb	\$ 20.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.09	7/8" Cap	.55 lb	\$ 35.50	424.56	7/8" SST Cap	.59 lb	\$ 47.00
425.22	3/4" End Caps	.02 lb	¢ .07	425.22	3/4" End Caps	.02 lb	¢ .07
425.09	3/4" x 24" Plastic Liner	.08 lb	\$ 1.50	425.17	3/4" x 24" SST Liner	.45 lb	\$ 8.75



Sample integrity is improved with the AMS "Reach-&-Grab" liner removal system, which allows the liner to protrude beyond the probe body by 1 3/4", accommodating easy removal without handling or disturbing the sample. Liners are available in plastic or stainless steel.



Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/8" x 12" DUAL PURPOSE SRP				1 1/8" x 12" DUAL PURPOSE SRP, SST			
424.19	1 1/8" X 12" Dual Purpose SRP	1.98 lb	\$ 159.00	424.49	1 1/8" X 12" SST Dual Purpose SRP	2.77 lb	\$ 216.00

Includes:

401.28	10" Cross Handle	.75 lb	\$ 21.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.08	1 1/8" Cap	.46 lb	\$ 35.50	424.57	1 1/8" SST Cap	.59 lb	\$ 47.00
425.18	1" End Caps	.02 lb	¢ .07	425.18	1" End Caps	.02 lb	¢ .07
425.02	1" x 12" Plastic Liner	.06 lb	\$ 1.25	425.11	1" x 12" SST Liner	.40 lb	\$ 7.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/8" x 18" DUAL PURPOSE SRP				1 1/8" x 18" DUAL PURPOSE SRP, SST			
424.21	1 1/8" X 18" Dual Purpose SRP	2.31 lb	\$ 164.00	424.50	1 1/8" X 18" SST Dual Purpose SRP	3.44 lb	\$ 222.00

Includes:

401.28	10" Cross Handle	.75 lb	\$ 21.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.08	1 1/8" Cap	.46 lb	\$ 35.50	424.57	1 1/8" SST Cap	.59 lb	\$ 47.00
425.18	1" End Caps	.02 lb	¢ .07	425.18	1" End Caps	.02 lb	¢ .07
425.03	1" x 18" Plastic Liner	.08 lb	\$ 1.50	425.12	1" x 18" SST Liner	.58 lb	\$ 8.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
1 1/8" x 24" DUAL PURPOSE SRP				1 1/8" x 24" DUAL PURPOSE SRP, SST			
424.23	1 1/8" X 24" Dual Purpose SRP	2.53 lb	\$ 171.00	424.51	1 1/8" X 24" SST Dual Purpose SRP	4.54 lb	\$ 231.00

Includes:

401.28	10" Cross Handle	.75 lb	\$ 21.50	401.24	10" SST Cross Handle	.60 lb	\$ 29.00
440.08	1 1/8" Cap	.46 lb	\$ 35.50	424.57	1 1/8" SST Cap	.49 lb	\$ 47.00
425.18	1" End Caps	.02 lb	¢ .07	425.18	1" End Caps	.02 lb	¢ .07
425.04	1" x 24" Plastic Liner	.08 lb	\$ 2.00	425.13	1" x 24" SST Liner	.77 lb	\$ 9.25



Replaceable Tip **SOIL PROBES**

The Finest Soil Probe Available!

Constructed of the same quality materials as the AMS soil recovery probe, AMS has developed a new line of probes which allow for tip replacement in case of damage. Select these heavy-duty soil probes for sampling in tough soils and other materials. Incorporates the AMS "Reach and Grab" system, with liners that are 1 3/4" longer than the probe itself for easy liner retrieval. Each probe comes complete with spanner wrench, cross handles and one plastic liner and is expandable with AMS extensions, sold separately.



High Quality Construction

Constructed of 4130 alloy and fitted with a heat treated, replaceable tip for durability and ease of replacement. The probes are chrome plated and available in both 1" and 1 1/4" outside diameter.

Part #	Description	Weight	Price
REPLACEABLE TIP SOIL PROBE			
425.50	1" X 36" Replaceable Tip Soil Probe	2.50 lb	\$ 123.00

Probe Includes:

401.22	9" Cross Handle	.60 lb	\$ 20.50
425.77	Spanner Wrench for Probes	.15 lb	\$ 9.25
425.90	1" x 36" Probe Body	1.80 lb	\$ 108.00
425.75	Replacement Tip	.10 lb	\$ 29.50

Part #	Description	Weight	Price
REPLACEABLE TIP SOIL RECOVERY PROBE			
425.45	1 1/4" X 12" Replaceable Tip SRP	3.11 lb	\$ 173.00
425.47	1 1/4" x 24" Replaceable Tip SRP	4.48 lb	\$ 185.00

Probes Include:

425.80	1 1/4" x 12" Probe Body (for 12" Probe)	2.34 lb	\$ 123.00
425.85	1 1/4" x 24" Probe Body (for 24" Probe)	2.76 lb	\$ 132.00
425.02	1" x 12" Plastic Liner	.06 lb	\$ 1.25
425.04	1" x 24" Liner	.18 lb	\$ 2.00
425.18	1" Liner End Caps	.02 lb	¢ .07
425.76	Replacement Tip	.15 lb	\$ 30.50
401.28	10" Cross Handle	.75 lb	\$ 21.50
425.77	Spanner Wrench	.15 lb	\$ 9.25
440.08	1 1/8" SRP Cap	.46 lb	\$ 35.50

Part #	Description	Weight	Price
DUAL PURPOSE REPLACEABLE TIP SRP			
425.65	1 1/4" x 12" DP Replaceable Tip SRP	2.95 lb	\$ 187.00
425.67	1 1/4" x 24 DP Replaceable Tip SRP	4.30 lb	\$ 196.00

Probes Include:

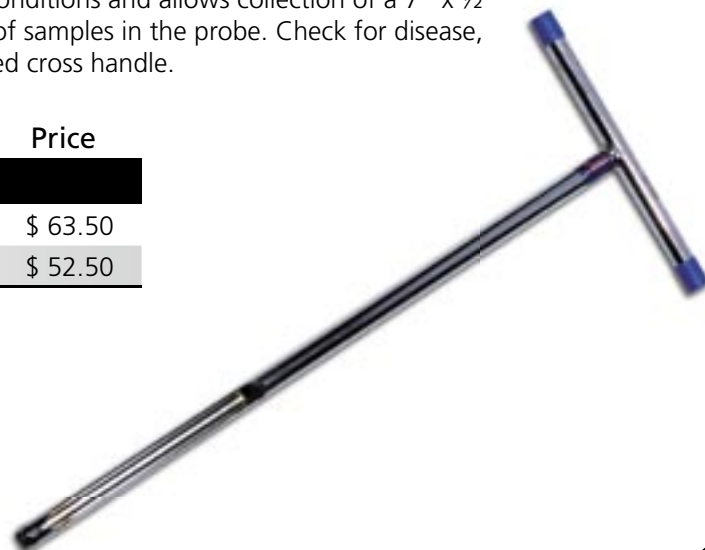
425.80	1 1/4" x 12" Probe Body (for 12" Probe)	2.34 lb	\$ 123.00
425.80	1 1/4" x 24" Probe Body (for 24" Probe)	2.34 lb	\$ 123.00
425.02	1" x 12" Plastic Liner	.06 lb	\$ 1.25
425.04	1" x 24" Liner	.18 lb	\$ 2.00
425.18	1" End Caps	.02 lb	¢ .07
425.76	Replacement Tip	.15 lb	\$ 30.50
401.28	10" Cross Handle	.75 lb	\$ 21.50
425.77	Spanner Wrench	.15 lb	\$ 9.25
440.80	1 1/8" SRP Cap	.46 lb	\$ 35.50

Turf PROBES

Minimize Damage to Turf with Small Diameter Probe

Developed as a means to take quick, low volume soil samples in sod or grassy areas. A specially designed tip offers simple insertion, even in hard soil conditions and allows collection of a 7" x 1/2" sample. Slotted body allows for easy visual inspection of samples in the probe. Check for disease, root structure, and slugs. Supplied with a chrome plated cross handle.

Part #	Description	Weight	Price
TURF PROBES			
427.23	Two Piece Turf Probe	1.47 lb	\$ 63.50
427.24	One Piece Turf Probe	1.00 lb	\$ 52.50

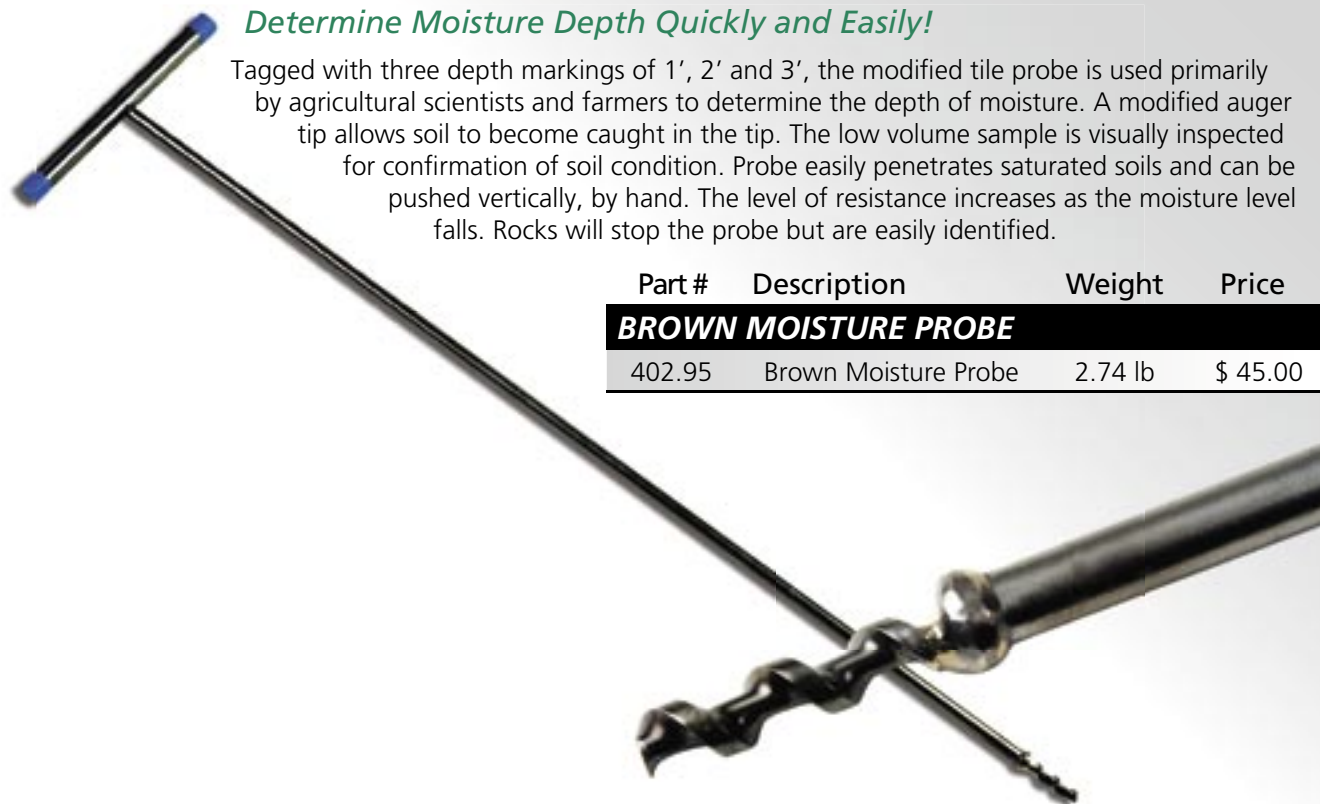


Brown Moisture PROBE

Determine Moisture Depth Quickly and Easily!

Tagged with three depth markings of 1', 2' and 3', the modified tile probe is used primarily by agricultural scientists and farmers to determine the depth of moisture. A modified auger tip allows soil to become caught in the tip. The low volume sample is visually inspected for confirmation of soil condition. Probe easily penetrates saturated soils and can be pushed vertically, by hand. The level of resistance increases as the moisture level falls. Rocks will stop the probe but are easily identified.

Part #	Description	Weight	Price
BROWN MOISTURE PROBE			
402.95	Brown Moisture Probe	2.74 lb	\$ 45.00



Tile PROBES

Ideal for Locating Buried Pipes, Underground Tanks or Utility Lines

Available in high carbon, stress proof steel or fiberglass. Steel model is designed with a ball on the tip for clearance and a lightweight cross handle welded to the other end. Fiberglass models are equipped with a pointed tip and are ideal for probing areas where underground utilities are known to be.

Part #	Description	Weight	Price
TILE PROBES			
403.02	42" Tile Probe	1.62 lb	\$ 38.00
402.97	48" Fiberglass Tile Probe	1.14 lb	\$ 23.50
402.01	60" Tile Probe	2.18 lb	\$ 43.00
402.93	33" Two Piece Tile Probe	1.40 lb	\$ 36.50

Features Include:

- Inexpensive
- Lightweight Designs
- Steel or Fiberglass Designs
- Steel Model Comes with Ball Tip
- Fiberglass Model Comes with Pointed Tip





Replaceable Tips Are Available

Extendable Tile **PROBES**

Probe Up to 40' With Extensions

The stress-proof carbon steel design can be driven into the hardest of soils with the assistance of the AMS thread-on slide hammer attachment, sold separately. An adapter is included for use with the hammer (7/16" size only). Excellent way to make a pilot hole before installation of the AMS gas vapor probe (GVP) system. Base sections and extensions are available in 3' and 4' lengths. With extensions, probe can be used up to 40'. Disassembles for easy storage.

Probes are Available in Two Different Diameters

Part #	Description	Weight	Price	Part #	Description	Weight	Price
7/16" X 3' HEAVY DUTY TILE PROBES				7/16" X 4' HEAVY DUTY TILE PROBES			
403.06	7/16 X 3' Tile Probe	2.39 lb	\$ 71.00	403.03	7/16 X 4' Tile Probe	2.89 lb	\$74.50

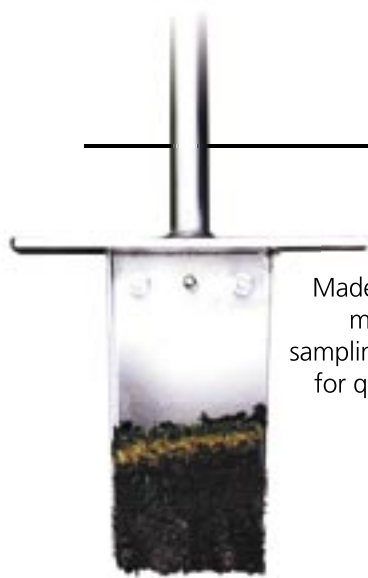
Includes:

402.90	7/16" Extension Tip	.06 lb	\$ 12.25	402.90	7/16" Extension Tip	.06 lb	\$ 12.25
403.05	3' Tile Probe Extension	1.55 lb	\$ 49.00	403.04	4' Tile Probe Extension	2.06 lb	\$ 51.50
401.26	9" Cross Handle	.56 lb	\$ 19.50	401.26	9" Cross Handle	.56 lb	\$ 19.50
426.23	7/16" Slide Hammer Adapter	.27 lb	\$ 17.25	426.23	7/16" Slide Hammer Adapter	.27 lb	\$ 17.25

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" X 3' HEAVY DUTY TILE PROBES				5/8" X 4' HEAVY DUTY TILE PROBES			
403.10	5/8 X 3' Tile Probe	3.30 lb	\$ 83.50	403.09	5/8 X 4' Tile Probe	4.30 lb	\$ 86.50

Includes:

403.11	3' HD Tile Probe Ext..	3.20 lb	\$ 78.00	403.08	4' HD Tile Probe Ext.	4.20 lb	\$ 83.50
403.13	5/8" Extension Tip	.15 lb	\$ 12.75	403.13	5/8" Extension Tip	.15 lb	\$ 12.25



Soil **PROFILER**

Pull It Out...Look It Over...Then Put It Back Into the Hole!

Collect a Replaceable Wedge of Your Sample in One Easy Step

Made of stainless steel with a detachable plate for easy sample removal and viewing. Samples may be replaced or packaged for further analysis. Available in a one-piece design for quick sampling OR in a 5/8" N.C. thread-on design for added versatility. The one-piece design is great for quick root analysis. In tough soil conditions use the threaded profiler with an AMS thread-on slide hammer, sold separately.

Part #	Description	Weight	Price
SOIL PROFILER			
427.77	Two Piece Soil Profiler	2.00 lb	\$ 125.00
427.75	One Piece Soil Profile	4.06 lb	\$ 125.00

Features Include:

- **Strong Durable Design**
- **Rust Resistant & Easy to Decontaminate**

Step **PROBE**

The Fastest and Easiest Way to Take a Surface Soil Sample

Use the AMS step probe for moisture tests, soil probing and sample collection suitable for geotechnical and chemical analysis. The fixed stem design makes sample collection much easier and eliminates the need for a slide hammer in most soil conditions. Easier to put into the ground as you can use your body for weight and your foot for stabilization. Cuts a sample slightly smaller than the inside diameter of the probe for easy sample removal.

Available as either a one piece probe or as a 5/8" thread-on two piece probe. Both have a 13" side slot and come standard with an AMS cross handle. Use optional AMS slide hammer with the two piece for penetration in harder soil conditions. AMS extensions are NOT recommended as sampling depth is limited to depth of the step.

High Quality Construction:

Constructed of high strength 4130 aircraft quality alloy steel and coated with chrome plating enhancing corrosion and rust resistance. Features heat treated, hardened tips.

Part #	Description	Weight	Price
STEP PROBE			
401.40	Two Piece Step Probe	2.50 lb	\$ 71.50
401.42	One Piece Step Probe	1.90 lb	\$ 61.00



AMS Inc. • 105 Harrison Street • American Falls, Idaho 83211

Open End **PROBE**

Farmer Requested!

Responding to requests from farmers for a quick and easy way to obtain samples at shallow depths! Collection of high volume, continuous samples is easy with this open ended 1/8" diameter, 33" long probe. Designed like slotted probes but open to the tip. Slot is 13" long for easy removal of soil sample! Unique design does not cut a full ring, which may result in less sample collection, but does allow for easy push into the ground and easy decontamination. Chrome-plated for durability and rust resistance. Supplied with a chrome plated cross handle.

Part #	Description	Weight	Price
OPEN END PROBES			
401.10	1 1/8" Open End Probe	2.09 lb	\$ 110.00
401.21	7/8" Open End Probe	4.06 lb	\$ 125.00

Trier **PROBE**

A Smaller Version!

For environmental sampling of piles and sidewalls of trenches, AMS offers the all stainless steel 7/8" x 21" trier. Similar in form to the AMS open end probe... but smaller. Supplied with a 10" stainless cross handle.

Part #	Description	Weight	Price
TRIER PROBE			
401.35	7/8" x 21" Trier Probe SST	3.30 lb	\$ 110.00



Features Include:

- **Stainless Steel**
- **Light Weight**
- **Open End for Easy Soil Removal**
- **Can Be Used with Slide Hammers & Extensions, Sold Separately**

AMS SOIL SAMPLING KITS

Portable, economical sampling! Carrying and storing equipment is done easily with the compact cases developed for the AMS soil sampling kits. The kits were designed for collection of disturbed and undisturbed soil collection.

Soil Sampling **MINI KITS**

The Perfect Kits for Auger Sampling!

Select from two different size kits, 2 1/4" and 3 1/4", two different connections, quick connect or national coarse (N.C.) and two different compositions, steel and stainless steel. The stainless steel components, in the stainless steel Mini Kits make them most suitable for sampling soils with low levels of contaminants.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" MINI KIT 5/8" N.C.				2 1/4" MINI KIT 5/8" N.C. --Stainless Steel			
209.73	2 1/4" Mini Kit with 3' Extensions	11.00 lb	\$ 570.00	209.74	2 1/4" Mini Kit with 3' Extensions -SST	11.00 lb	\$ 763.00

Includes:

400.08	2 1/4" Regular Auger	1.64 lb	\$ 134.00	417.04	2 1/4" Regular Auger, SST	1.70 lb	\$ 194.00
400.20	2 1/4" Mud Auger	2.26 lb	\$ 152.00	418.04	2 1/4" Mud Auger, SST	1.64 lb	\$ 207.00
408.02	3' Extensions, (4)	1.63 lb	\$ 49.50 ea.	409.08	3' Extensions, (4) SST	1.66 lb	\$ 71.50 ea.
406.04	Rubber Coated Cross Handle	1.04 lb	\$ 33.00	409.11	Cross Handle, SST	1.04 lb	\$ 35.00
430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00	430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" MINI KIT Q.C.				2 1/4" MINI KIT Q.C. --Stainless Steel			
209.78	2 1/4" Mini Kit with 3' Extensions	19.00 lb	\$ 721.00	209.79	2 1/4" Mini Kit with 3' Extensions -SST	19.00 lb	\$ 875.00

Includes:

300.08	2 1/4" Regular Auger	1.97 lb	\$ 155.00	317.04	2 1/4" Regular Auger, SST	2.96 lb	\$ 209.00
300.20	2 1/4" Mud Auger	1.92 lb	\$ 170.00	318.04	2 1/4" Mud Auger, SST	2.74 lb	\$ 225.00
309.02	3' Extensions, (4)	2.67 lb	\$ 74.50 ea.	309.08	3' Extensions, (4) SST	2.75 lb	\$ 88.50 ea.
306.06	Rubber Coated Cross Handle	1.29 lb	\$ 53.50	309.11	Cross Handle, SST	1.13 lb	\$ 50.00
430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00	430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00



SOIL SAMPLING KITS

Soil Sampling Mini Kits

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" MINI KIT 5/8" N.C.				2 1/4" MINI KIT 5/8" N.C. --Stainless Steel			
209.33	2 1/4" Mini Kit with 4' Extensions	14.00 lb	\$ 581.00	209.34	2 1/4" Mini Kit with 4' Extensions -SST	14.00 lb	\$ 775.00

Includes:

400.08	2 1/4" Regular Auger	1.64 lb	\$ 134.00	417.04	2 1/4" Regular Auger, SST	1.70 lb	\$ 194.00
400.20	2 1/4" Mud Auger	2.26 lb	\$ 152.00	418.04	2 1/4" Mud Auger, SST	1.64 lb	\$ 207.00
408.03	4' Extensions, (4)	2.29 lb	\$ 51.50 ea.	409.09	4' Extensions, (4) SST	2.11 lb	\$ 73.50 ea.
406.04	Rubber Coated Cross Handle	1.04 lb	\$ 33.00	409.11	Cross Handle, SST	1.04 lb	\$ 35.00
430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50	430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" MINI KIT Q.C.				2 1/4" MINI KIT Q.C. --Stainless Steel			
209.38	2 1/4" Mini Kit with 4' Extensions	22.00 lb	\$ 736.00	209.39	2 1/4" Mini Kit with 4' Extensions -SST	19.00 lb	\$ 886.00

Includes:

300.08	2 1/4" Regular Auger	1.97 lb	\$ 155.00	317.04	2 1/4" Regular Auger, SST	2.96 lb	\$ 209.00
300.20	2 1/4" Mud Auger	1.92 lb	\$ 170.00	318.04	2 1/4" Mud Auger, SST	2.74 lb	\$ 225.00
309.03	4' Extensions, (4)	3.12 lb	\$ 77.50 ea.	309.09	4' Extensions, (4) SST	3.20 lb	\$ 91.00 ea.
306.06	Rubber Coated Cross Handle	1.29 lb	\$ 53.50	309.11	Cross Handle, SST	1.13 lb	\$ 50.00
430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50	430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50



SOIL SAMPLING KITS

Soil Sampling Mini Kits

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" MINI KIT 5/8" N.C.				3 1/4" MINI KIT 5/8" N.C. --Stainless Steel			
209.71	3 1/4" Mini Kit with 3' Extensions	14 lb	\$ 546.00	209.72	3 1/4" Mini Kit with 3' Extensions -SST	14 lb	\$ 753.00
Includes:							
400.06	3 1/4" Regular Auger	2.56 lb	\$ 118.00	417.06	3 1/4" Regular Auger, SST	2.52 lb	\$ 191.00
400.18	3 1/4" Mud Auger	2.26 lb	\$ 142.00	418.06	3 1/4" Mud Auger, SST	2.30 lb	\$ 199.00
408.02	3' Extension (4)	1.63 lb	\$ 49.50 ea.	409.08	3' Extension, SST (4)	1.66 lb	\$ 71.50 ea.
406.04	Rubber Coated Cross Handle	1.04 lb	\$ 33.00	409.11	Cross Handle, SST	1.04 lb	\$ 35.00
430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00	430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" MINI KIT Q.C.				3 1/4" MINI KIT Q.C. --Stainless Steel			
209.76	3 1/4" Mini Kit with 3' Extensions	19 lb	\$ 691.00	209.77	3 1/4" Mini Kit with 3' Extensions -SST	19 lb	\$ 863.00
Includes:							
300.06	3 1/4" Regular Auger	2.89 lb	\$ 134.00	317.06	3 1/4" Regular Auger, SST	2.96 lb	\$ 206.00
300.18	3 1/4" Mud Auger	2.59 lb	\$ 159.00	318.06	3 1/4" Mud Auger, SST	2.74 lb	\$ 215.00
309.02	3' Extension (4)	2.67 lb	\$ 74.50 ea.	309.08	3' Extension, SST (4)	2.75 lb	\$ 88.50 ea.
306.06	Rubber Coated Cross Handle	1.29	\$ 53.50	309.11	Cross Handle, SST	1.13 lb	\$ 50.00
430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00	430.02	3' Poly-Canvas Case	2.00 lb	\$ 84.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" MINI KIT 5/8" N.C.				3 1/4" MINI KIT 5/8" N.C. --Stainless Steel			
209.31	3 1/4" Mini Kit with 4' Extensions	14 lb	\$ 556.00	209.32	3 1/4" Mini Kit with 4' Extensions -SST	17 lb	\$ 764.00
Includes:							
400.06	3 1/4" Regular Auger	2.56 lb	\$ 118.00	417.06	2 1/4" Regular Auger, SST	2.52 lb	\$ 191.00
400.18	3 1/4" Mud Auger	2.26 lb	\$ 142.00	418.06	2 1/4" Mud Auger, SST	2.30 lb	\$ 199.00
408.03	4' Extension (4)	2.29 lb	\$ 50.50 ea.	409.09	4' Extension, SST (4)	2.11 lb	\$ 73.50 ea.
406.04	Rubber Coated Cross Handle	1.04	\$ 33.00	409.11	Cross Handle, SST	1.04 lb	\$ 35.00
430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50	430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" MINI KIT Q.C.				3 1/4" MINI KIT Q.C. --Stainless Steel			
209.36	3 1/4" Mini Kit with 4' Extensions	22 lb	\$ 706.00	209.37	3 1/4" Mini Kit with 4' Extensions -SST	22 lb	\$ 874.00
Includes:							
300.06	3 1/4" Regular Auger	2.89 lb	\$ 134.00	317.06	3 1/4" Regular Auger, SST	2.96 lb	\$ 206.00
300.18	3 1/4" Mud Auger	2.59 lb	\$ 159.00	318.06	3 1/4" Mud Auger, SST	2.74 lb	\$ 215.00
309.03	4' Extension (4)	3.12 lb	\$ 77.50 ea.	309.09	4' Extension, SST (4)	3.20 lb	\$ 91.00 ea.
306.06	Rubber Coated Cross Handle	1.29 lb	\$ 53.50	309.11	Cross Handle, SST	1.13 lb	\$ 50.00
430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50	430.04	4' Poly-Canvas Case	2.00 lb	\$ 87.50



Basic Soil SAMPLING KITS

Everything You Need for Most Sampling Jobs!

A complete sampling kit for common soil sampling in normal to heavy clay. Each kit comes complete with a durable, water proof case for easy transportation. We've even included wrenches and a cleaning brush!

Available in Two of Our Most Popular Sizes, 2 1/4" and 3 1/4"



Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" BASIC SOIL SAMPLING KIT				3 1/4" BASIC SOIL SAMPLING KIT			
209.53	2 1/4" Basic Kit	56 lb	\$ 1238.00	209.51	3 1/4" Basic Kit	60 lb	\$ 1196.00
Includes:							
400.08	2 1/4" Regular Auger	1.64 lb	\$ 134.00	400.06	3 1/4" Regular Auger	2.56 lb	\$ 118.00
400.20	2 1/4" Mud Auger	2.26 lb	\$ 152.00	400.18	3 1/4" Mud Auger	2.26 lb	\$ 142.00
400.42	2 1/4" Sand Auger	1.64 lb	\$ 146.00	400.40	3 1/4" Sand Auger	2.56 lb	\$ 143.00
404.38	1 1/2" x 6" Core Sampler	2.08 lb	\$ 238.00	404.10	2" x 6" Core Sampler	2.87 lb	\$ 212.00
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00
408.03	4' Extensions, (3)	2.29 lb	\$ 51.50 ea.	408.03	4' Extensions, (3)	2.29 lb	\$ 51.50 ea.
406.04	Rubber Coated Cross Handle	1.04 lb	\$ 33.00	406.04	Rubber Coated Cross Handle	1.04 lb	\$ 33.00
421.10	Adjustable Wrench (2)	1.70 lb	\$ 32.00 ea.	421.10	Adjustable Wrench (2)	1.70 lb	\$ 32.00 ea.
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
430.11	1 1/2" x 12" Nylon Brush	.20 lb	\$ 12.00	430.07	2" x 12" Nylon Brush	.20 lb	\$ 12.00
430.01	AMS Deluxe Carrying Case	28.91	\$ 267.00	430.01	AMS Deluxe Carrying Case	28.91	\$ 267.00

Environmental Soil **SAMPLING KITS**

All Stainless Steel!

Sampling products are all stainless steel, making them ideal for environmental collection methods. Designed for use in field situations where soil contaminants are at low levels or the protocol requires decontamination in an acid bath.

Available in Two Different Sizes, 3 1/4" and 2 1/4"



Part #	Description	Weight	Price	Part #	Description	Weight	Price
2 1/4" ENVIRONMENTAL SAMPLING KIT				3 1/4" ENVIRONMENTAL SAMPLING KIT			
209.57	2 1/4" Env. Kit - SST	58 lb	\$ 1713.00	209.55	3 1/4" Env. Kit - SST	62 lb	\$ 1795.00
Includes:							
417.04	2 1/4" Regular Auger, <i>SST</i>	1.70 lb	\$ 194.00	417.06	3 1/4" Regular Auger, <i>SST</i>	2.52 lb	\$ 191.00
418.04	2 1/4" Mud Auger, <i>SST</i>	1.64 lb	\$ 207.00	418.06	3 1/4" Mud Auger, <i>SST</i>	2.30 lb	\$ 199.00
420.04	2 1/4" Sand Auger <i>SST</i>	1.75 lb	\$ 208.00	420.06	3 1/4" Sand Auger <i>SST</i>	2.57 lb	\$ 205.00
403.591	Split Core Sampler w/ Core Tip	4.00 lb	\$ 455.00	403.40	Core Sampler w/ Core Tip	6.00 lb	\$ 461.00
400.99	Slide Hammer	10.22 lb	\$ 144.00	400.99	Slide Hammer	10.22 lb	\$ 144.00
409.09	4' Extensions, (3) <i>SST</i>	2.11 lb	\$ 73.50 ea.	409.09	4' Extensions, (3) <i>SST</i>	2.11 lb	\$ 73.50 ea.
409.11	Cross Handle, <i>SST</i>	1.04 lb	\$ 35.00	409.11	Cross Handle, <i>SST</i>	1.04 lb	\$ 35.00
421.10	Adjustable Wrenches (2)	1.70 lb	\$ 32.00 ea.	421.10	Adjustable Wrenches (2)	1.70 lb	\$ 32.00 ea.
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
430.21	1 1/2" x 12" <i>SST</i> Brush	.50 lb	\$ 20.50	430.17	2" x 12" <i>SST</i> Brush	.50 lb	\$ 21.00
430.01	AMS Deluxe Carrying Case	28.91 lb	\$ 267.00	430.02	AMS Deluxe Carrying Case	28.91 lb	\$ 267.00

DELUXE Environmental Soil **SAMPLING KITS**

Extras Include:

- 25 Stainless Liners
- 50 End Caps
- # 2 Stainless Scoop
- 50 Poly Swatches

Includes All the Extra's!

The same kit as the Environmental Soil Sampling Kit but with all of the extras!

Available in Two Different Sizes, 2 1/4" and 3 1/4"

Part #	Description	Weight	Price
DELUXE ENVIRONMENTAL SAMPLING KIT			
209.58	2 1/4" Deluxe Env. Kit - <i>SST</i>	68 lb	\$ 1923.00
209.56	3 1/4" Deluxe Env. Kit - <i>SST</i>	72 lb	\$ 1958.00

Core Sampling **MINI KITS**

Collect Virtually Undisturbed Soil Samples in Liners!

It may be used for sampling at the surface, or from the bottom of a pre-drilled hole. Available only in the 3 1/4" size and 5/8" threaded connection. Collect high quality core samples suitable for EPA testing and analysis.

Available in the 3 1/4" Size and 5/8" with the National Coarse (N.C.) Connection Only

Part #	Description	Weight	Price	Part #	Description	Weight	Price
3 1/4" CORE SAMPLING MINI KIT				3 1/4" CORE SAMPLING MINI KIT --SST			
209.07	3 1/4" Core Sampling Mini Kit	23.08 lb	\$ 845.00	209.05	3 1/4" Core Sampling Mini Kit - SST	26.23 lb	\$ 1226.00

Includes:

400.06	3 1/4" Regular Auger	2.56 lb	\$ 118.00	417.06	3 1/4" Regular Auger, SST	2.52 lb	\$ 191.00
404.05	2" x 6" Core Sampler w/ Slide Hammer	13.08 lb	\$ 299.00	404.63	2" x 6" Split Core Sampler with Core Tip w/Hammer SST	13.64 lb	\$ 345.00
408.02	3' Extensions, (4)	1.63 lb	\$ 49.50 ea.	409.08	3' Extensions, (4) SST	1.66 lb	\$ 71.50 ea.
406.04	Cross Handle	1.04 lb	\$ 33.00	409.11	Cross Handle, SST	1.04 lb	\$ 35.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
421.10	Adjustable Wrenches	1.70 lb	\$ 32.00 ea.	421.10	Adjustable Wrenches	1.70 lb	\$ 32.00 ea.
430.00	3' Poly-Canvas Case	2.50 lb	\$ 87.50	430.00	3' Poly-Canvas Case	2.50 lb	\$ 87.50



Core Sampling Mini Kits Include:

- Regular Auger
- Mud Auger
- Extensions
- Cross Handle
- Core Sampler
- Slide Hammer
- Poly-Canvas Case



Flighted Auger **KITS**

Designed to Speed Up Sampling of Soil, Soil Gas, and Shallow Water

Kit includes everything needed to rapidly drill small diameter access holes nearly 9' deep, depending on soil conditions, all in a convenient rugged carrying case. The kit includes an AMS 1 1/2" core sampler for collection of undisturbed, samples in liners. Available with or without an electric or gasoline driven drill. Drill holes vertically or at angles! Select from either the standard or stainless steel kit. Additional flighted augers, sold separately.

Auger Kit Includes:

- Lead Auger with Hard Surface Tip
- Core Sampler with Hammer
- SDS Max Drill Adapter
- Flighted Extensions
- Cleaning Brush
- Extensions
- Slip Wrench
- Carbon Tip
- Case



Part #	Description	Weight	Price	Part #	Description	Weight	Price
2" FLIGHTED AUGER KIT				2" FLIGHTED AUGER KIT -- <i>Stainless Steel</i>			
209.61	2" Flighted Auger Kit	103. lb	\$ 3191.00	209.63	2" Flighted Auger Kit -SST	110. lb	\$3599.00

Includes:

213.88	Bosch Electric Hammer Drill	37.00 lb	\$ 1641.00	213.88	Bosch Electric Hammer Drill	37.00 lb	\$ 1641.00
214.20	SDS Max Drill Adapter	.80 lb	\$ 77.50	214.20	SDS Max Drill Adapter	.80 lb	\$ 77.50
405.23	2" Flighted Lead Auger	6.00 lb	\$ 223.00	409.36	2" Flighted Auger Tip <i>SST</i>	.40 lb	\$ 125.00
405.24	3' Flighted Extensions (2)	5.80 lb	\$ 190.00 ea.	409.32	3' Flighted Extensions (2) <i>SST</i>	5.30 lb	\$ 314.00 ea.
408.03	4' Extensions	2.29 lb	\$ 51.50 ea.	409.09	4' Extensions <i>SST</i>	2.11 lb	\$ 73.50 ea.
405.26	Carbide Tip	.70 lb	\$ 104.00	405.26	Carbide Tip	.70 lb	\$ 104.00
404.39	Core Sampler w/ Hammer	12.29 lb	\$ 313.00	404.64	Core Sampler w/ Hammer <i>SST</i>	12.69 lb	\$ 358.00
421.29	Slip Wrench	1.24 lb	\$ 33.00	421.29	Slip Wrench	1.24 lb	\$ 33.00
430.11	1 1/2" x 12" Nylon Brush	.20 lb	\$ 12.00	430.21	1 1/2" x 12" <i>SST</i> Brush	.50 lb	\$ 20.50
430.01	AMS Deluxe Carrying Case	28.91	\$ 267.00	430.01	AMS Deluxe Carrying Case	28.91	\$ 267.00

Part #	Description	Weight	Price	Part #	Description	Weight	Price
FLIGHTED AUGER KIT, no drill				FLIGHTED AUGER KIT, no drill-- <i>Stainless Steel</i>			
209.10	2" Flighted Auger Kit without Drill	66. lb	\$1484.00	209.13	2" Flighted Auger Kit -SST without Drill		\$ 2040.00

Hollowstem Auger **KITS**

Prevent Cross Contamination with a Sealed Access Hole

The portable AMS hollowstem augers are designed for sampling soils, soil gas and shallow groundwater. The technique of hollowstem augering prevents cross contamination by temporarily sealing the walls of the bore holes, preventing it from collapsing and thereby ensuring discrete interval sample collection. Any sampling or measurement device with a diameter of $\frac{7}{8}$ " or less may be used with this auger, such as a $\frac{3}{4}$ " stainless steel bailer for groundwater sampling and the AMS GVP Retract-A-Tip system. Operated by an electric drill, these augers cut a 3" diameter hole and have an I.D. of 1 $\frac{1}{4}$ ". The kit includes six feet of augers, a soil probe and accessories.

This Kit May Also be Purchased without the Electric Drill



See the kits in action at:
www.ams-samplers.com



Hollowstem Auger Kit Includes:

- Lead Auger with Hard Surface Tip, Inner Rod Plug, Cap & Drill Adapter
- 3' Auger Section with Inner Rod
- Hollowstem Soil Probe
- Adjustable Wrench
- Slide Hammer
- Case

Part #	Description	Weight	Price
2" HOLLOWSTEM AUGER KIT			
409.80	Hollowstem Auger Kit	103.00 lb	\$2,791.00

Includes:

213.88	Bosch Electric Hammer Drill	37.00 lb	\$ 1641.00
400.99	Slide Hammer	10.22 lb	\$ 144.00
409.55	Hollowstem Lead Section	14.00 lb	\$ 497.00
409.57	Hollowstem Flighted Section with Inner Rod	10.90 lb	\$ 235.00
409.70	24" Hollowstem Soil Probe	1.10 lb	\$ 58.00
421.10	Adjustable Wrench	1.70 lb	\$ 32.00
430.01	AMS Deluxe Carrying Case	28.91 lb	\$ 267.00

Part #	Description	Weight	Price
2" HOLLOWSTEM AUGER KIT , no drill			
209.22	Hollowstem Auger Kit without Drill	66.00 lb	\$1,200.00

AMS SOIL GAS SAMPLERS

For over 10 years, AMS soil gas vapor probes (GVP) have been widely used for sampling and monitoring hydrocarbon spill sites, underground storage tanks (UST's) and pipelines. Designed specifically for placement of devices used to recover soil gas samples, the GVP system may also be used for collection of soil and groundwater samples when used with accessory screens, sold separately. Available with retractable or detachable drive points for quick collection of volatile contaminants in unconsolidated materials. Samples collected are appropriate for soil gas surveying and laboratory analysis.

Helpful Hints:

- Clean all Threads & Couplings
- Check to Ensure that the Insides of the Hollow Extensions are Unobstructed
- Keep Power Tools Clean & Check for Damage of the Cable



Photo Courtesy: Forestry Suppliers, Inc.

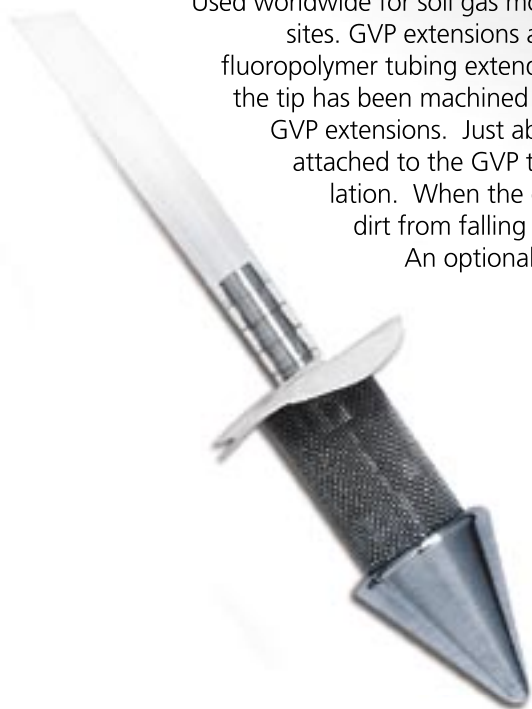
See the Soil Gas Sampler Kits in action at:
www.ams-samplers.com

GVP Dedicated TIPS

Install as a Permanent Sample Point or Leave in the Ground as a Disposable Point

Used worldwide for soil gas monitoring of hydrocarbon spills, tank and pipe leakage, and hazardous waste sites. GVP extensions are used to insert the tip to the desired depth and then are removed, leaving fluoropolymer tubing extending out of the ground for a permanent sample point. The unique design of the tip has been machined so that the vapor inlet holes are recessed in the tip and are protected by the GVP extensions. Just above the vapor inlet holes is a machined flange. A fluoropolymer umbrella is attached to the GVP tip, just above the flange. The umbrella is folded and inserted prior to installation. When the drive tube is removed the umbrella unfolds, creating a shield and preventing dirt from falling in and around the GVP tip, preventing the plugging of the vapor inlet holes.

An optional screen can be placed over the inlet holes while sampling groundwater, preventing the plugging of the vapor inlet holes.



Part #	Description	Price
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GVP DEDICATED GAS VAPOR TIPS

211.00	Gas Vapor Tip & Umbrella	\$ 15.50
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Includes:

212.00	Fluoropolymer Umbrella	\$ 2.00
212.05	GVP Screens	\$ 3.00

GVP RETRACT-A-TIP

Designed to Be Driven into the Soil, Opened for Sample Extraction and Removed for Subsequent Use

Developed as a survey tool for the collection of discrete soil gas samples, the GVP retract-a-tip system can be inserted and subsequently removed without damage to the tip. Once driven into the soil to a pre-determined depth, opened, and a vapor sample extracted, the tip can be removed from the ground, decontaminated and reused.

Part #	Description	Weight	Price
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GVP RETRACT-A-TIP

210.01	GVP Retract-A-Tip	.60	\$ 198.00
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Includes:

210.05	Barbed Insert	.05 lb	\$ 17.50
210.06	Outer Sleeve	.30 lb	\$ 118.00
210.07	Inner Nut	.05 lb	\$ 14.00
210.08	Bottom Nut	.05 lb	\$ 14.00
210.09	Vapor Inlet Shaft	.30 lb	\$ 146.00
210.03	Screen for Retract-A-Tip	.05 lb	\$ 3.25



Gas Vapor Probe Kit with **DEDICATED TIP**

Use as a Permanent Sample Point, OR as a Disposable Tip!

Quickly screen an area for contamination of volatile contaminants, or set a permanent point for repeat vapor sampling of same depth. Excellent for monitoring and sampling hydrocarbon spill sites, underground storage tanks, and pipelines. Fluoropolymer tubes are attached to a drive rod and driven into the subsurface by hand, with an AMS slide hammer, or with an electric hammer drill, (sold separately). When the desired depth is reached, the drive point is removed, exposing an inlet section with optional screen and leaving the vapor probe dedicated tip imbedded at the desired location and sampling depth. The fluoropolymer tubing, running from the tip to the surface, makes continuous vapor sampling a quick and easy process. A vacuum pump is used to draw vapor into the probe, through the tubing, and to the surface. Connect gas detection instruments to the tubing for direct reading of contaminant levels. Use with the AMS hollow stem auger for shallow sampling, sold separately. Kit comes complete with an instructional video and is available with or without a rotary hammer drill.



Part #	Description	Weight	Price
GAS VAPOR PROBE KITS with DEDICATED TIP			
209.19	GVP Kit with Dedicated Tip	115.00 lb	\$ 2,199.00

Includes:

209.00	GVP Instruction VHS Video	1.00 lb	\$ 17.50
209.01	AMS GVP Manual	.30 lb	\$ 7.75
211.00	GVP Dedicated Tip With Washer	.01 lb	\$ 15.50
211.05	Removal Jack	30.00 lb	\$ 158.00
214.045	Ext. Drive Adapter 3/4" I.D.	2.00 lb	\$ 59.50
214.06	3' GVP 5/8" Extension	2.60 lb	\$ 101.00
214.09	GVP 5/8" Tip Drive End	.02 lb	\$ 27.50
214.105	Slide Hammer Adapter 3/4" O.D.	.70 lb	\$ 40.50
214.18	SDS Max Drill Adapter	.80 lb	\$ 47.50
214.22	SDS Max 1 1/2" Carbide Bit	4.20 lb	\$ 199.00
215.00	250' Roll Fluoropolymer Tube 3/16"	5.10 lb	\$ 333.00
215.06	Hand Pump	1.60 lb	\$ 96.50
400.99	Slide Hammer	10.22 lb	\$ 144.00
403.10	5/8" x 3' H.D. Extendable Tile Probe	3.30 lb	\$ 83.50
403.11	5/8" x 3' H.D. Tile Probe Extension	3.20 lb	\$ 78.00
430.01	AMS Deluxe Carrying Case	28.91 lb	\$ 267.00

Part #	Description	Weight	Price
GAS VAPOR PROBE KITS with DEDICATED TIP & DRILL			
210.00	GVP Kits with Dedicated GVP Tip and DeWalt Drill	150.00 lb	\$ 3,510.00
209.84	GVP Kits with Dedicated GVP Tip and Bosch Drill	152.00 lb	\$ 3,713.00



**Dedicated Tip & Umbrella
Shown with Optional Screen**

Gas Vapor Probe Kit with **RETRACT-A-TIP**

Part #	Description	Weight	Price
GAS VAPOR PROBE KIT with RETRACT-A-TIP			
209.16	GVP Kit with Retract-A-Tip	116 lb	\$ 2387.00

Includes:

209.00	GVP Instruction VHS Video	1.00 lb	\$ 17.50
210.01	GVP Retract-A-Tip	.60 lb	\$ 198.00
211.00	GVP Dedicated Tip With Washer	.01 lb	\$ 15.50
211.05	Removal Jack	30.00 lb	\$ 158.00
214.045	Ext. Drive Adapter 3/4" I.D.	2.00 lb	\$ 59.50
214.06	3' GVP 5/8" Extension	2.60 lb	\$ 101.00
214.09	GVP 5/8" Tip Drive End	.20 lb	\$ 27.50
214.105	Slide Hammer Adapter 3/4" O.D.	.70 lb	\$ 40.50
214.18	SDS Max Drill Adapter	.80 lb	\$ 47.50
214.22	SDS Max 1 1/2" Carbide Bit	4.20 lb	\$ 199.00
215.00	250' Roll Fluoropolymer Tube 3/16"	5.10 lb	\$ 333.00
215.06	Hand Pump	1.60 lb	\$ 96.50
400.99	Slide Hammer	10.22 lb	\$ 144.00
403.10	5/8" x 3' HD Extendable Tile Probe	3.30 lb	\$ 83.50
214.18	SDS Max Drill Adapter	.60 lb	\$ 77.50
430.01	AMS Deluxe Carrying Case	28.91 lb	\$ 267.00

Part #	Description	Weight	Price
GAS VAPOR PROBE KIT with RETRACT-A-TIP & DRILLS			
210.02	GVP Kits with Retract-A-Tip and DeWalt Drill	151 lb	\$ 3698.00
209.86	GVP Kits with Retract-A-Tip and Bosch Drill	152.60 lb	\$ 3901.00

Reusable Tip Design for Optimal Environmental Field Sampling!

The high quality, stainless steel design of the retract-a-tip allows for accurate environmental vapor sampling and is ideal for repeat vapor sampling at multiple depths. Kit includes everything necessary for installation of tips in most penetrable, unconsolidated materials, PLUS, environmental effects on the test site are minimized with the easy removal of the tip after sampling is complete. Use a rotary hammer drill and drive GVP extensions to insert. The unique, hardened stainless steel tip will open when the extensions are pulled back a few inches and the vapor sample is collected. The complete probe may then be recovered, decontaminated and reused. Gas detection instruments, PID's, FID's, with a positive displacement sampling pump, may be connected to the retract-a-tip vapor tubing to obtain a direct reading of the contaminant levels. For shallow sampling (15' or less), use the system with the AMS hollow stem auger, sold separately. Kit includes an instructional video and is available with or without a rotary hammer drill.



Retract-A-Tip

Heavy-Duty Gas Vapor Probe Kit with **RETRACT-A-TIP**

Add Torque to Your GVP System!

Used in the same manner as the regular GVP kit (page 68), but with the additional benefit of a supplementary flighted auger, driving into tough soil conditions is made easier. Pre-drill boreholes, with the flighted auger, prior to insertion of the tip, for an easier drive into rocky or hard soils. Pre-drilling also allows access to sampling points at both horizontal and vertical angles.

Part #	Description	Weight	Price
H.D. GVP KIT with RETRACT-A-TIP			
209.26	H.D. GVP Kit with Retract-A-Tip	141.00 lb	\$ 3228.00

Includes:

209.00	GVP Instruction VHS Video	1.00 lb	\$ 17.50
210.01	GVP Retract-A-Tip	.60 lb	\$ 198.00
211.00	GVP Dedicated Tip with Washer	.01	\$ 15.50
211.05	Removal Jack	30.00 lb	\$ 158.00
214.045	Ext. Drive Adapter 3/4" I.D.	2.00 lb	\$ 59.50
214.06	3' GVP 5/8" Extension	2.60 lb	\$ 101.00
214.09	GVP 5/8" Tip Drive End	.20 lb	\$ 27.50
214.105	Slide Hammer Adapter 3/4" O.D.	.70 lb	\$ 40.50
214.18	SDS Max Drill Adapter for Hammer Drill	.80 lb	\$ 47.50
214.20	SDS Max Drill Adapter	.80 lb	\$ 77.50
214.26	2 1/2" Wild Bore SDS Max	6.59 lb	\$ 448.00
215.00	250' Roll Fluoropolymer Tube 3/16"	5.10 lb	\$ 333.00
215.06	Hand Pump	1.60 lb	\$ 96.50
400.99	Slide Hammer	10.22 lb	\$ 144.00
403.10	5/8" x 3' HD Extendable Tile Probe	3.30 lb	\$ 83.50
403.11	5/8" x 3' HD Tile Probe Extension	3.20 lb	\$ 78.00
405.23	2" Lead with Hard Surfaced Tip	6.00 lb	\$ 223.00
405.24	2" x 3' Flighted Extensions (2)	5.80 lb	\$ 190.00
405.26	2" Carbide Tip	.70 lb	\$ 104.00
430.01	AMS Deluxe Carrying Case	28.91 lb	\$ 267.00

Part #	Description	Weight	Price
H.D. GVP KIT with RETRACT-A-TIP & DRILL			
209.95	HD GVP Kits with Retract-A-Tip and Bosch Drill	178 lb	\$ 4879.00



Retract-A-Tip



AMS Inc. • 105 Harrison Street • American Falls, Idaho 83211

Heavy-Duty Gas Vapor Probe Kit with **DEDICATED TIP**

Reusable and Heavy Duty!

Similar to the regular GVP with retract-a-tip (page 69), the heavy-duty retract-a-tip system is the ultimate kit when it comes to environmental vapor sampling. The tip is not only reusable, but the kit is also equipped with a supplementary flighted auger, useful in tough soil conditions, including rocky, hard soils. The addition of the flighted auger to the kit allows for the pre-drilling of boreholes prior to the insertion of the tip. The use of a pre-drilled borehole will not only allow for a quick check of obstructions prior to placement, but will also reduce the friction on the tip during the drive into harder surfaces. Both horizontal and vertical drives are possible with the use of a pre-drilled borehole.



Part #	Description	Weight	Price
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H.D. GVP KIT with DEDICATED TIP

209.24	Heavy Duty GVP Kit with Dedicated Tip	141.00 lb	\$ 3040.00
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Includes:

209.00	GVP Instruction VHS Video	1.00 lb	\$ 17.50
211.00	GVP Dedicated Tip with Washer	.01 lb	\$ 15.50
211.05	Removal Jack	30.00	\$ 158.00
214.014	Carbide Drill Bit	.01 lb	\$ 461.00
214.045	Ext. Drive Adapter 3/4" I.D.	2.00 lb	\$ 59.50
214.06	3' GVP 5/8" Extension	2.60 lb	\$ 101.00
214.09	GVP 5/8" Tip Drive End	.20 lb	\$ 27.50
214.105	Slide Hammer Adapter 3/4" O.D.	.70 lb	\$ 40.50
214.18	SDS Max Drill Adapter for Hammer Drill	.80 lb	\$ 47.50
215.00	250' Roll Fluoropolymer Tube 3/16"	5.10 lb	\$ 333.00
215.06	Hand Pump	1.60 lb	\$ 96.50
400.99	Slide Hammer	10.22 lb	\$ 144.00
403.10	5/8" x 3' H.D. Extendable Tile Probe	3.30 lb	\$ 83.50
403.11	5/8" x 3' H.D. Tile Probe Extension	3.20 lb	\$ 78.00
405.23	2" Lead with Hard Surface Tip	6.00 lb	\$ 223.00
405.24	2" x 36" Extension	5.80 lb	\$ 190.00
405.26	2" Carbide Tip	.70 lb	\$ 104.00
214.18	SDS Max Drill Adapter	.60 lb	\$ 77.50
430.01	AMS Deluxe Carrying Case	28.91 lb	\$ 267.00

Part #	Description	Weight	Price
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H.D. GVP KIT with DEDICATED TIP & DRILL

209.93	HD GVP Kits with Dedicated GVP Tip and Bosch Drill	177.00 lb	\$ 4690.00
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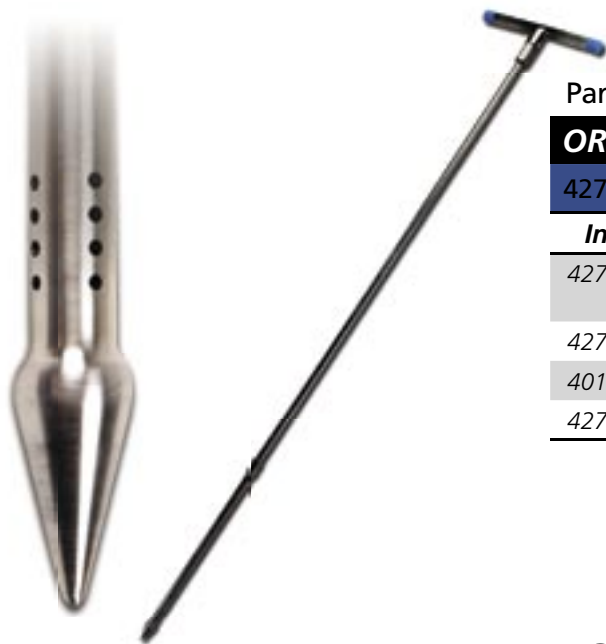


*Dedicated Tip & Umbrella
Shown with Optional Screen*

Original Gas Vapor **PROBE**

Easily and Economically Sample Soil Gas Vapors at Shallow Depths for Preliminary Testing

The "original" Gas Vapor Probe (GVP), designed by AMS, is the simplest soil gas sampler in the AMS line. The hollow probe consists of a removable lower section with a wedged tip and port holes for gas sampling. A removable inner liner rod prevents soil from entering the gas entry ports during insertion. Easily hand sample to depths of about 4' using the supplied AMS extension & cross handle. To probe greater depths or hard soils use the additional AMS extensions and AMS slide hammer, sold separately.



Part #	Description	Weight	Price
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ORIGINAL GAS VAPOR PROBE

427.01	Original GVP	13.75 lb	\$ 257.00
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Includes:

427.06	GVP Base, Liner Rod & Slide Hammer Adapter	3.40 lb	\$ 157.00
427.02	3' Extension with Liner Rod	3.00 lb	\$ 99.00
401.24	10" Cross Handle SST	.60 lb	\$ 29.00
427.11	GVP Barbed Adapter	.20 lb	\$ 22.00

Gas Vapor Probe Kit **ACCESSORIES**

Part #	Description	Weight	Price
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GVP KIT ACCESSORIES

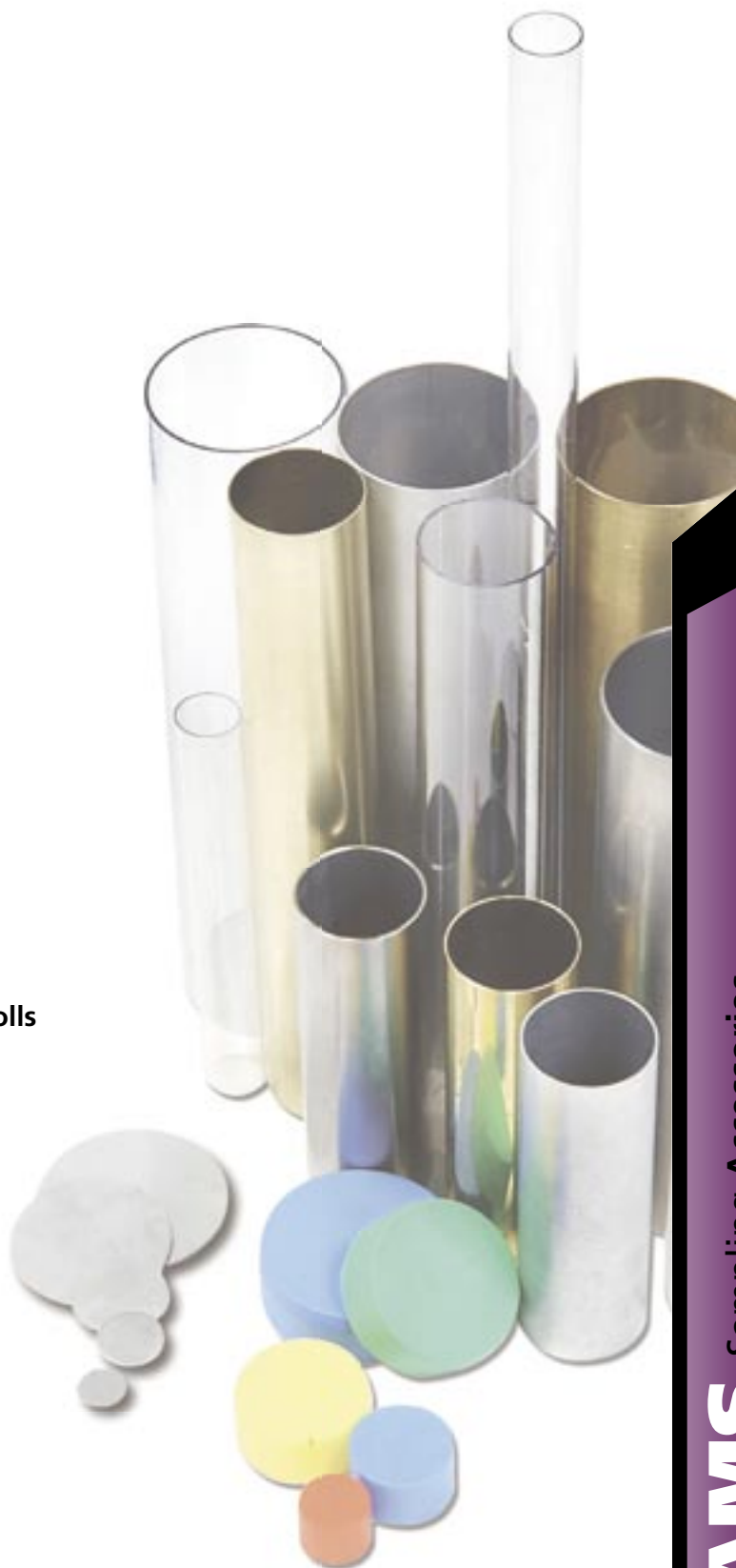
427.21	5/8" Soil Probe	.70 lb	\$ 82.00
427.26	5/8" Soil Recovery Probe, Dual Purpose	.50 lb	\$ 117.00
403.13	5/8" Extension Tip	.14 lb	\$ 12.75
427.20	5/8" Coupling for GVP Extensions	.05 lb	\$ 7.75
214.05	4' GVP Extension	2.00 lb	\$ 59.50
403.04	7/16" x 4' Tile Probe Extension	2.06 lb	\$ 51.50
213.05	7/16" to 5/8" Male Hex Adapter	.05 lb	\$ 20.00
214.22	SDS Max 1 1/2" Carbide bit	4.20 lb	\$ 199.00
214.15	SST Soild Point 5/8"	.20 lb	\$ 38.00
214.98	50' Roll of Fluoropolymer Tubing	1.10 lb	\$ 74.50
214.99	100' Roll Fluoropolymer Tube 3/16"	2.10 lb	\$ 147.00
215.00	250' Roll Fluoropolymer Tube 3/16"	5.10 lb	\$ 333.00
214.04	Drive Adapter 7/8" I.D.	2.00 lb	\$ 59.50
214.10	Slide Hammer Adapter 7/8"	3.30 lb	\$ 40.50
405.27	Splined Drill Adapter	.60 lb	\$ 77.50

AMS SAMPLING ACCESSORIES

AMS offers a wide variety of soil sampling accessories for completion of most sampling jobs

Accessory Items Include:

- Cross Handles
- Extensions
- Slide Hammers
- Cleaning Brushes
- Tooling Cases
- Adjustable and Slip Wrenches
- Drills & Adapters
- Core Bits & Adapters
- Munsell Soil Chart
- Soil Testing Sieves
- Sample Containment Bottles
- Liners
- Inserts
- End Caps
- Core Catchers
- Fluoropolymer Swatches, Tubing & Rolls
- Vacuum Pump & Hand Pump



Standard CROSS HANDLES

Standard Cross Handles

Available in coated and uncoated 4130 chrome molybdenum for increased operator comfort and added protection against shock when using around electricity

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C. THREAD				5/8" N.C. THREAD -SST			
406.02	16" Standard	.78 lb	\$ 24.00	409.11	16" Standard -SST	.83 lb	\$ 35.00
406.04	16" Rubber Coated	1.04 lb	\$ 33.00				
QUICK CONNECT THREAD				QUICK CONNECT THREAD -SST			
309.05	16" Standard	1.08 lb	\$ 41.50	309.11	16" Standard -SST	1.13 lb	\$ 50.00
306.06	16" Rubber Coated	1.29 lb	\$ 53.50				
3/4" THREAD							
406.01	22" Standard	1.20 lb	\$ 30.50				
406.05	22" Rubber Coated	1.52 lb	\$ 39.00				



Ratcheting CROSS HANDLES

Ratcheting Mechanism Reduces Operator Effort and Allows Use in Tight Field Situations

Designed to reduce effort, operator fatigue, and also allows use in tight field situations. A convenient switch below the handle changes the direction of the ratchet action.

Part #	Description	Weight	Price
RATCHETING			
406.80	16" 5/8" Ratcheting N.C.	2.02 lb	\$ 98.50
406.04	16" Ratcheting Q.C.	2.04 lb	\$ 115.00



EXTENSIONS

Designed for Maximum Strength and Minimum Torque in Tough Sampling Conditions

Available in your choice of two materials: 4130 aircraft quality, chrome molybdenum seamless tubing, or stainless steel. Extensions may be stacked to 30' high.

Part #	Description	Weight	Price	Part #	Description	Weight	Price
5/8" N.C. THREAD				5/8" N.C. THREAD -SST			
408.04	5' Extension	2.40 lb	\$ 54.50	409.10	5' Extension -SST	2.56 lb	\$ 76.00
408.03	4' Extension	2.29 lb	\$ 51.50	409.09	4' Extension -SST	2.11 lb	\$ 73.50
408.02	3' Extension	1.63 lb	\$ 49.50	409.08	3' Extension -SST	1.66 lb	\$ 71.50
408.01	2' Extension	1.16 lb	\$ 47.50	409.07	2' Extension -SST	1.22 lb	\$ 69.50
408.00	1' Extension	.75 lb	\$ 45.50	409.06	1' Extension -SST	.77 lb	\$ 66.50

Part #	Description	Weight	Price	Part #	Description	Weight	Price
Q.C. THREAD				Q.C. THREAD -SST			
309.04	5' Extension	3.57 lb	\$ 80.50	309.10	5' Extension -SST	3.65 lb	\$ 93.50
309.03	4' Extension	3.12 lb	\$ 77.50	309.09	4' Extension -SST	3.20 lb	\$ 91.00
309.02	3' Extension	2.67 lb	\$ 74.50	309.08	3' Extension -SST	2.75 lb	\$ 88.50
309.01	2' Extension	2.29 lb	\$ 72.50	309.07	2' Extension -SST	2.34 lb	\$ 86.00
309.00	1' Extension	1.87 lb	\$ 70.50	309.06	1' Extension -SST	1.89 lb	\$ 84.00

Part #	Description	Weight	Price
3/4" N.C. THREAD			
407.05	5' Extension	2.94 lb	\$ 62.50
407.04	4' Extension	2.44 lb	\$ 60.50
407.03	3' Extension	2.00 lb	\$ 58.00
407.02	2' Extension	1.49 lb	\$ 56.00
407.01	1' Extension	.96 lb	\$ 53.50



Slide **HAMMERS**

Absorbs the Impact Shock!

Rubber coating makes it easy to hold onto and use, as well as significantly absorbing the impact shock. Pounds down for easy penetration, up for soil extraction.

Available in Three Different Weights



Part #	Description	Weight	Price
403.93	Heavy Duty Slide Hammer	18.90 lb	\$205.00
400.99	Regular Slide Hammer	10.22 lb	\$144.00
400.96	Compact Slide Hammer	7.68 lb	\$141.00

Not for Use with Quick Connect Connection

AMS **CARRYING CASES**

Convenient Carrying Cases Designed to Provide Storage and Easy Transportation for All of Your Sampling Equipment

Part #	Description	Weight	Price
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HARD CASES

430.01	56" Deluxe Carrying Case	28.91 lb	\$ 267.00
429.80	36" Deluxe Carrying Case	15.00 lb	\$186.00
429.95	20" Deluxe Carrying Case	22.00 lb	\$249.00

SOFT CASES

430.02	3' Poly-Canvas Carrying Case	2.00 lb	\$ 84.00
430.04	4' Poly-Canvas Carrying Case	2.00 lb	\$ 87.50





Cleaning **BRUSHES**

Easily Maintain Sampling Equipment with Stainless Steel and Nylon Brushes

Part #	Description	Weight	Price	Part #	Description	Weight	Price
CLEANING BRUSHES - NYLON				CLEANING BRUSHES - SST			
430.05	1" X 24" Nylon	.20 lb	\$ 8.25	430.15	1" X 24" -SST	.20 lb	\$ 19.50
430.11	1 ½" x 12" Nylon	.20 lb	\$ 12.00	430.21	1 ½" x 12" -SST	.20 lb	\$ 20.50
430.07	2" x 12" Nylon	.20 lb	\$ 12.00	430.17	2" x 12" -SST	.20 lb	\$ 21.00
430.09	3" x 12" Nylon	.20 lb	\$ 12.00	430.19	3" x 12" -SST	.20 lb	\$ 21.00



Adjustable & Slip **WRENCHES**

Extremely Handy Tools for the Assembly / Disassembly of Your Equipment.



Part #	Description	Weight	Price
ADJUSTABLE WRENCH			
421.10	Adjustable Wrench	1.70 lb	\$ 32.00



Part #	Description	Weight	Price
SLIP WRENCH			
421.29	Slip Wrench	1.24 lb	\$ 33.00

Core Bits, **COMPLETE**

Perfect for Drilling Large Holes Through Concrete

Specially designed for fast, accurate drilling with a rotary hammer drill. Core bit bodies are heat-treated with durable carbon tips.



Part #	Description	Weight	Price
3" CORE BITS, COMPLETE			
260.40	3" Core Bit Complete with Splined Adapter	7.18 lb	\$ 295.00
260.42	3" Core Bit Complete with SDS Max Adapter	6.78 lb	\$ 299.00

Both Include:

264.44	3" Heavy-duty Core Bit	4.00 lb	\$ 237.00
260.50	7/16" Starter Bit	.16 lb	\$ 15.25
260.46	Splined Adapter (264.40 Only)	3.34 lb	\$ 46.50
260.48	SDS Max Adapter (260.42 Only)	3.06 lb	\$ 52.00

Part #	Description	Weight	Price
6" CORE BITS, COMPLETE			
260.32	6" Core Bit Complete with Splined Adapter	10.00 lb	\$ 625.00
260.33	6" Core Bit Complete with SDS Max Adapter	10.00 lb	\$ 621.00

Both Include:

260.29	6" Heavy-duty Core Bit	7.00 lb	\$ 465.00
260.50	7/16" Starter Bit	.16 lb	\$ 15.25
260.46	Splined Adapter (260.32 Only)	3.34 lb	\$ 46.50
260.48	SDS Max Adapter (260.33 Only)	3.06 lb	\$ 52.00

Concrete Bits, **COMPLETE**

Heavy-Duty and Ideal for Fast, Accurate Drilling Through Concrete

Easy to assemble and disassemble for quick cutting of concrete. The specially designed threads will help decrease adapter failure.

Part #	Description	Weight	Price
3" CONCRETE CORE BITS, COMPLETE			
260.35	3" Concrete Bit Complete with Splined Adapter	6.30 lb	\$ 408.00
260.37	3" Concrete Bit Complete with SDS Max Adapter	6.30 lb	\$ 403.00

Both Include:

260.18	Core Bit & Center Pin	1.30 lb	\$ 286.00
260.39	Guide Plate	.06 lb	\$ 14.50
260.28	Spline Adapter (260.35 Only)	3.02 lb	\$ 139.00
260.13	SDS Max Adapter (230.37 Only)	2.9 lb	\$ 134.00



DRILLS

All the Power You Need!

With a variety of drills and adapters to choose from, you are sure to find the one to meet your specific job site requirements and equipment.

Part #	Description	Weight	Price
ECHO ED-200			
213.80	21.2 cc Gas	13.00 lb	\$ 370.00
ECHO EDR-210 (reversible)			
213.81	21.2 cc Gas	13.00 lb	\$ 423.00
ECHO EDR-240 (reversible)			
213.82	23.6 cc Gas	14.00 lb	\$ 475.00
ECHO EDR-260 (reversible)			
213.86	25.4 cc Gas	13.30 lb	\$ 530.00
ECHO EA-400			
213.83	42.7 cc Gas	21.36 lb	\$ 599.00

Support Bracket & Side Handle Replacement Set, for Echo Gas Drill Located on Page 29



DeWALT ROTARY HAMMER DRILL

213.91	DeWalt Hammer Drill	24 lb	\$1,092.00
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Part #	Description	Weight	Price
DRILL ADAPTERS			
213.50	1/2" to 5/8" Gas Drill Adapter	.40 lb	\$ 20.50
214.20	SDS Max Hammer Drill Adapter	.80 lb	\$ 77.50
214.50	SDS Plus Hilti Drill Adapter	.80 lb	\$ 77.50
405.27	Splined Rotary Drill Adapter	.60 lb	\$ 77.50
213.46	EA-400 Drill Adapter	.62 lb	\$ 27.00

Spring-Loaded DRILL ADAPTERS

For Optimal Comfort & Safety

Designed to provide safety and comfort to your work. Spring-loaded adapter helps reduce the shock from sudden stop impact from hitting rocks and any other solid objects below the surface. Great for reducing vibration and reducing the stress to the hands and wrists.

SPRING LOADED DRILL ADAPTERS

213.44	5/8" Female to 5/8" Male Gas Drill Adapter	3.82 lb	\$ 52.00
213.48	5/8" Male to 5/8" Female Gas Drill Adapter	3.82 lb	\$ 52.00



Munsell **COLOR CHART BINDER**

Color Classification of Soils Using 250 Mounted Chips

Developed with the U.S. Soil Conservation Service, this guide is the industry standard! Information is displayed on a durable, rigid plastic card and includes classification by type, grain size, and color.



Part #	Description	Weight	Price
504.20	Geo Guide Card	.10 lb	\$ 12.75
504.00	Munsell Soil Binder	.80 lb	\$ 122.00

Pipe **ELEVATORS**

PIPE ELEVATOR COMPLETE

Part #	Description	Weight	Price
411.00	PIPE ELEVATOR COMPLETE	132.00 lb	\$ 1122.00
Includes:			
411.12	Pipe Elevator Body	34.00 lb	\$ 284.00
411.01	1" Pipe Elevator Bushing	7.00 lb	\$ 76.50
411.04	1 1/4" Pipe Elevator Bushing	7.00 lb	\$ 61.00
411.06	1 1/2" Pipe Elevator Bushing	7.00 lb	\$ 56.50
411.08	2" Pipe Elevator Bushing	7.00 lb	\$ 51.50
411.10	2 1/2" Pipe Elevator Bushing	7.00 lb	\$ 49.50

Retract or Lower Pump and Pipe Assemblies into Production Wells

The AMS pipe elevators are the most durable elevator systems in the market today! Quickly and safely connect pipe. Includes two main body assemblies, each with five pairs of bushings for pipes from 1" to 3" diameters. Each set has extra long forged bails that easily clear the final fittings. The safety latch operates smoothly for quick placement of each elevator body. The elevator set is rated at 18 tons!



Hand **VACUUM PUMP**

Collect Soil Gas Samples by Vacuum Recovery

An easy-to-use and cost-effective method for sampling soil gas and shallow groundwater. Designed for those job sites where there is no accessible electricity. This model comes equipped with a vacuum gauge, release valve and fittings allowing samples to be collected into suitable test containers.

Part #	Description	Weight	Price
215.06	Hand Vacuum Pump	1.60 lb	\$ 96.50



Electric 12 Volt **VACUUM PUMP**

The Quickest and Most Efficient Way to Collect Soil Gas Sample at All Depths

The AMS 12 volt operated vacuum pump may be used to draw samples of soil gas into a Teflon® bag. Samples of groundwater may also be collected if a glass collection container is placed between the tube and the pump.

Part #	Description	Weight	Price
5052.45	12 Volt Vacuum Pump	5.40 lb	\$ 950.00



See page 85 for
Fluoropolymer
Tubing

LINERS

Plastic, Stainless Steel, Brass, Fluoropolymer or Aluminum!

Order liners by size and material type desired. Specify length and diameter when ordering. The sizes shown are the retaining cylinder size. The ¾" and 1" liners are 1 ¾" longer than the described length to accommodate the reach-and-grab soil probe system.

Part #	Description	Price	Part #	Description	Price
½" PLASTIC LINERS			½" STAINLESS STEEL LINERS		
427.29	½" X 12" Plastic Liner	¢ .57	427.27	½" X 12" Liner -SST	\$ 5.50
¾" PLASTIC LINERS			¾" STAINLESS STEEL LINERS		
425.07	¾" X 12" Plastic Liner	\$ 1.00	425.15	¾" X 12" Liner -SST	\$ 6.50
425.08	¾" X 18" Plastic Liner	\$ 1.25	425.16	¾" X 18" Liner -SST	\$ 7.50
425.09	¾" X 24" Plastic Liner	\$ 1.50	425.17	¾" X 24" Liner -SST	\$ 8.75
1" PLASTIC LINERS			1" STAINLESS STEEL LINERS		
425.02	1" X 12" Plastic Liner	\$ 1.25	425.11	1" X 12" Liner -SST	\$ 7.00
425.03	1" X 18" Plastic Liner	\$ 1.50	425.12	1" X 18" Liner -SST	\$ 8.00
425.04	1" X 24" Plastic Liner	\$ 2.00	425.13	1" X 24" Liner -SST	\$ 9.75
1 ⅜" PLASTIC LINERS			1 ⅜" STAINLESS STEEL LINERS		
406.56	1⅜" X 6" Plastic Liner	\$ 2.00	403.87	1⅜" X 12" Liner -SST	\$ 6.75
406.57	1⅜" X 12" Plastic Liner	\$ 2.75	403.88	1⅜" X 18" Liner -SST	\$ 9.25
1 ½" PLASTIC LINERS			1 ½" STAINLESS STEEL LINERS		
405.08	1½" X 6" Plastic Liner	\$ 2.00	405.13	1½" X 6" Liner -SST	\$ 9.00
406.53	1½" X 12" Plastic Liner	\$ 3.00	405.81	1½" X 12" Liner -SST	\$ 11.75
2" PLASTIC LINERS			2" STAINLESS STEEL LINERS		
404.17	2" X 1" Plastic Liner	\$ 1.00	404.27	2" X 1" Liner -SST	\$ 5.25
404.18	2" X 2" Plastic Liner	\$ 1.25	404.28	2" X 2" Liner -SST	\$ 5.50
404.19	2" X 3" Plastic Liner	\$ 1.50	404.29	2" X 3" Liner -SST	\$ 6.50
404.20	2" X 4" Plastic Liner	\$ 1.75	404.30	2" X 4" Liner -SST	\$ 7.25
404.21	2" X 6" Plastic Liner	\$ 2.25	404.31	2" X 6" Liner -SST	\$ 8.50
422.03	2" X 8" Plastic Liner	\$ 3.50	422.07	2" X 8" Liner -SST	\$ 11.75
422.04	2" X 10" Plastic Liner	\$ 4.00	422.08	2" X 10" Liner -SST	\$ 12.00
405.10	2" X 12" Plastic Liner	\$ 4.25	405.14	2" X 12" Liner -SST	\$ 12.25
425.20	2" X 24" Plastic Liner	\$ 7.00	406.68	2" X 24" Liner -SST	\$ 21.50
406.72	2" X 36" Plastic Liner	\$ 9.25	406.70	2" X 36" Liner -SST	\$ 29.50
2 ½" PLASTIC LINERS			2 ½" STAINLESS STEEL LINERS		
406.55	2 ½" X 6" Plastic Liner	\$ 2.75	405.20	2 ½" X 6" Liner -SST	\$ 9.75
406.74	2 ½" X 12" Plastic Liner	\$ 5.50	405.88	2 ½" X 12" Liner -SST	\$ 14.25
3" PLASTIC LINERS			3" STAINLESS STEEL LINERS		
405.09	3" X 6" Plastic Liner	\$ 3.00	405.21	3" X 6" Liner -SST	\$ 10.50
422.01	3" X 10" Plastic Liner	\$ 5.25	422.05	3" X 10" Liner -SST	\$ 15.75
422.02	3" X 12" Plastic Liner	\$ 6.00	422.06	3" X 12" Liner -SST	\$ 17.25



Part #	Description	Price	Part #	Description	Price
1 ½" BRASS LINERS			1 ½" ALUMINUM LINERS		
405.11	1½" X 6" Brass Liner	\$ 6.75	405.04	1½" X 6" Aluminum Liner	\$ 6.75
405.99	1½" X 12" Brass Liner	\$ 10.00	405.57	1½" X 12" Aluminum Liner	\$ 9.00
2 " BRASS LINERS			2" ALUMINUM LINERS		
404.22	2" X 1" Brass Liner	\$ 2.00	404.11	2" X 1" Aluminum Liner	\$ 2.75
404.23	2" X 2" Brass Liner	\$ 2.00	404.12	2" X 2" Aluminum Liner	\$ 3.00
404.24	2" X 3" Brass Liner	\$ 2.25	404.13	2" X 3" Aluminum Liner	\$ 3.25
404.25	2" X 4" Brass Liner	\$ 2.50	404.15	2" X 4" Aluminum Liner	\$ 3.50
404.26	2" X 6" Brass Liner	\$ 2.75	404.16	2" X 6" Aluminum Liner	\$ 4.00
406.25	2" X 8" Brass Liner	\$ 9.00	405.45	2" X 8" Aluminum Liner	\$ 7.00
406.26	2" X 10" Brass Liner	\$ 10.25	405.46	2" X 10" Aluminum Liner	\$ 7.25
405.12	2" X 12" Brass Liner	\$ 11.75	405.07	2" X 12" Aluminum Liner	\$ 7.50
406.60	2" X 24" Brass Liner	\$ 20.50	406.64	2" X 24" Aluminum Liner	\$ 11.25
406.62	2" X 36" Brass Liner	\$ 28.50	406.66	2" X 36" Aluminum Liner	\$ 15.00
2 ½" BRASS LINERS			2 ½" ALUMINUM LINERS		
405.33	2 ½" X 6" Brass Liner	\$ 6.75	405.15	2 ½" X 6" Aluminum Liner	\$ 6.25
405.16	2 ½" X 12" Brass Liner	\$ 9.25	405.64	2 ½" X 12" Aluminum Liner	\$ 8.75
3 " BRASS LINERS			3" ALUMINUM LINERS		
405.17	3" X 6" Brass Liner	\$ 13.00	405.06	3" X 6" Aluminum Liner	\$ 8.00
404.43	3" X 10" Brass Liner	\$ 20.00	405.71	3" X 10" Aluminum Liner	\$ 11.50
405.44	3" X 12" Brass Liner	\$ 23.50	405.72	3" X 12" Aluminum Liner	\$ 13.50

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1 " FLUOROPOLYMER LINERS		
406.08	1" x 12" Fluoropolymer Liner	\$ 11.75
406.07	1" x 18" Fluoropolymer Liner	\$ 16.00
406.09	1" x 24" Fluoropolymer Liner	\$ 20.50
406.06	1" x 36" Fluoropolymer Liner	\$ 29.00
2 " FLUOROPOLYMER LINERS		
406.20	2" X 6" Fluoropolymer Liner	\$ 17.50
406.13	2" X 8" Fluoropolymer Liner	\$ 23.00
406.15	2" X 10" Fluoropolymer Liner	\$ 26.00
406.21	2" X 12" Fluoropolymer Liner	\$ 31.50
406.22	2" X 24" Fluoropolymer Liner	\$ 59.00
3 " FLUOROPOLYMER LINERS		
406.10	3" x 6" Fluoropolymer Liner	\$ 33.00
406.12	3" x 10" Fluoropolymer Liner	\$ 45.00
406.11	3" x 12" Fluoropolymer Liner	\$ 53.50



Liner **END CAPS**

Colored Plastic End Caps!



Made from polyethylene, these colored end caps are used to cap the ends of our liners, keeping the integrity of the samples high. Colors include blue, red, black, yellow and green.

Please Specify Color when Ordering

Part #	Description	Price
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LINER END CAPS

x1837	½" End Caps (Blue Only)	¢.07 ea.
425.22	¾" End Caps	¢.07 ea.
425.18	1" End Caps	¢.07 ea.
418.11	1 ¾" End Caps	¢.24 ea.
418.08	1 ½" End Caps	¢.16 ea.
418.10	2" End Caps	¢.22 ea.
404.85	2 ½" End Caps	¢.26 ea.
418.09	3" End Caps	¢.27 ea.

End Cap **INSERTS**

Part #	Description	Price
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END CAP INSERTS

422.15	¾" Inserts -SST	\$ 1.75
422.16	1" Inserts -SST	\$ 2.00
422.14	1 ½" Inserts -SST	\$ 2.00
422.13	2" Inserts -SST	\$ 2.25
422.12	2 ½" Inserts -SST	\$ 2.25
422.11	3" Inserts -SST	\$ 2.75



Minimize Loss of Volatiles with Stainless Steel End Cap Inserts

Designed to work in conjunction with the plastic end caps, these inserts are ideal for environmental soil sample collection



Soil Core **CATCHERS**

Prevent Loss of Sample When Sampling Dry Loose Soils

Available in a standard 2" size for our 2" core samplers, multi-stage core sampler and split core sampler. Made from thin plastic, the catcher fits into the liner with the fingers pointing upward. It is used in loose materials, such as sand and unconsolidated loam soil, to hold the sample in place when recovering the sampler from the bore hole.

For Core Samplers Only!

Part #	Description	Price
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SOIL CORE CATCHERS

404.90	2" Core Catcher	\$ 8.25
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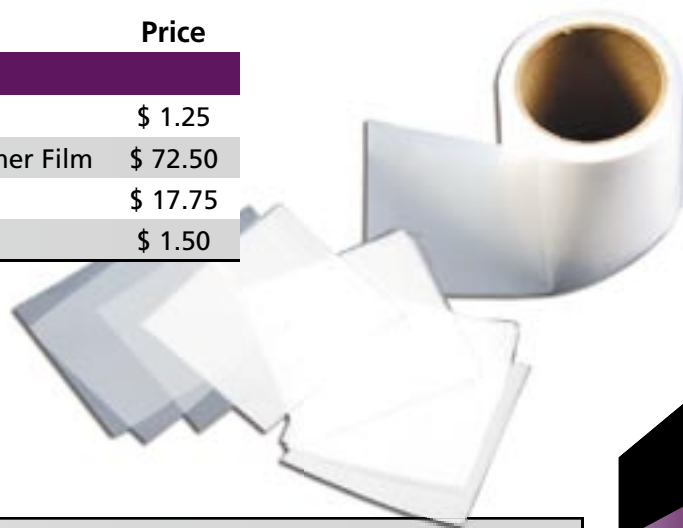


Fluoropolymer **FILM**

Seal or Wrap Samples for Shipping OR Use to Cover Material on Which Samples Will be Dissected and Examined

Available in 0.002", 0.003" or 0.005" thickness and is 4" or 12" wide. Used for sealing samples in liners, select the perforated roll of 4"x 4" squares.

Part #	Description	Price
FLUOROPOLYMER FILM		
418.12	.002" x 12" Fluoropolymer Film	\$ 1.25
418.16	.003" x 4" x 100' Perforated Roll Fluoropolymer Film	\$ 72.50
418.17	.003" x 4" Fluoropolymer Film Squares (50)	\$ 17.75
418.14	.005" X 4" Fluoropolymer Film	\$ 1.50



Fluoropolymer **TUBING**

A Nice Compliment to AMS GVP Kits

Fluoropolymer tubing can be used with AMS retract-a-tip (page 71), the AMS dedicated tip (page 71) and vacuum pumps (page 85) for collecting soil gas samples.



Part #	Description	Price
FLUOROPOLYMER TUBING		
214.98	¼" X 50' Fluoropolymer Tubing	\$ 74.50
214.99	¼" X 100' Fluoropolymer Tubing	\$ 147.00
215.00	¼" X 150' Fluoropolymer Tubing	\$ 333.00

Soil Testing **SIEVES**

Made to ASTM 11 Specifications

ATM manufactured, and available in all stainless steel or with a brass frame and stainless steel mesh. The sieves have total depth of 2 7/8", depth to mesh of 2" and a diameter of 8". A receiver and top cover may also be included.

**Call for More Information
on Prices & Sizing**



Montana **SHARP SHOOTER**

Heavy-Duty Design Opens a Deep, Narrow Hole, Even in Hard, Rocky Soil

Most of the weight is in the blade so the blade, rather than the operator, absorbs most of the impact shock. Weighing approximately 10 lb, The 18" blade is crafted from hardened steel and tapers from 6" to 4" at the tip. All steel handle is 29" long. Optional rubber coating adds comfort and impact absorption.

Part #	Description	Weight	Price
410.00	Sharp Shooter	9.31 lb	\$ 132.00
410.01	Sharp Shooter, Rubber Handle	10.68 lb	\$ 140.00



Stainless Steel **SHOVELS**

Ideal for Environmental Sampling and Clean-Up Jobs

Durable stainless steel construction withstands caustic and corrosive materials that would normally damage other types of shovels. Easy to decontaminate. Available in a spade nose, a flat nose and the Montana Sharp Shooter style, they are perfectly weighted for ease of operations in the field.

Part #	Description	Weight	Price
427.90	Spade Type Shovel -SST	5.90 lb	\$ 164.00
427.92	Flat Nose Type Shovel -SST	6.69 lb	\$ 164.00
410.02	Sharp Shooter -SST	9.62 lb	\$ 362.00



Stainless Steel **SCOOPS**

Great for Grab Sampling!

The industry standard for over a decade! Crafted from 300 series stainless steel, passivated for enhanced corrosion resistance and easy decontamination. Can also be used for dissection and composting of samples. For additional comfort order the optional rubber handle.

Each Number Coincides with the Approximate Number of Ounces it Will Hold

Part #	Description	Weight	Price	Part #	Description	Weight	Price
HAND SCOOPS - RUBBER HANDLE -SST				HAND SCOOPS - SST			
427.82	#2 Scoop R.H. -SST	.47 lb	\$ 20.50	428.02	#2 Scoop -SST	.32 lb	\$ 19.00
427.83	#3 Scoop R.H. -SST	.42 lb	\$ 20.50	428.03	#3 Scoop -SST	.37 lb	\$ 19.00
427.84	#6 Scoop R.H. -SST	.62 lb	\$ 20.50	428.04	#6 Scoop -SST	.47 lb	\$ 19.00
427.85	#8 Scoop R.H. -SST	.62 lb	\$ 20.50	428.05	#8 Scoop -SST	.47 lb	\$ 19.00
427.86	#12 Scoop R.H. -SST	.79 lb	\$ 23.50	428.06	#12 Scoop -SST	.64 lb	\$ 21.50



U-Dig-It **SCOOPS**

Easy to Handle, Lightweight, and Collapsible

Constructed with all rust-proof stainless steel material. Rides on your belt ready at your side when you need it for soil sampling, scooping or prying. Holster is provided and available in choice of nylon or leather. This handy scoop is a must have. Blade dimensions are 2" W x 4.75" L. Weighs 6 oz, and easily folds to 5.75".

Part #	Description	Weight	Price
427.95	U-Dig-It with Nylon Case	.42 lb	\$ 17.00
427.96	U-Dig-It with Leather Case	.42 lb	\$ 17.00

Features Include:

- Inexpensive
- Highly Portable
- Corrosion Resistant Stainless Steel
- Complete with Either Nylon or Leather Holsters



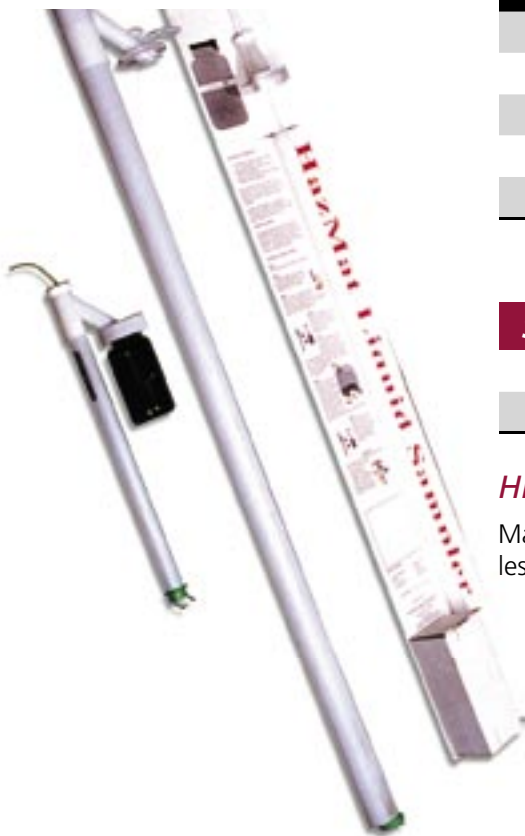
LIQUID SAMPLERS

AMS offers an inexpensive, easy to use and highly portable means for obtaining a representative sample from stratified or unstratified liquids. The liquid samplers are widely used for highly accurate composite sampling and their most common uses have been for sampling containerized liquids, such as tanks, barrels and drums. They may also be used for ponds, lagoons and other open bodies of liquid.

Direct Fill Drum & Tank **LIQUID SAMPLER**

Simplify Sample Collection from Drums, Tanks, Ponds, Lagoons and Clarifiers

A clear advantage of these single use direct samplers is standardized sample collection, thus offering superior data quality and operator safety, while minimizing spillage and cross contamination. The sampler operates on a unique patented plunger design that directly transfers the sample into a collection jar without removing the sampler from the media. When sampling is completed, the sampler is easily maneuvered through a standard opening or removed for decontamination. The sampler "meets and exceeds" EPA method equivalency, and they are "consistent with" OSHA worker protection policies and standards. Includes a 250 ml drum sample container, protective gloves and a stick-on container label.



Part #	Description	Weight	Price
DRUM & TANK LIQUID SAMPLER			
455.00	250 ml Drum Sampler (24)	10.00 lb	\$ 207.00
455.10	1 Liter Drum Sampler (12)	6.00 lb	\$ 160.00
455.20	250 ml Tank Sampler (12)	15.00 lb	\$ 166.00
455.30	250 ml Rail Tank Sampler (6)	20.00 lb	\$ 127.00
456.50	Hazmat Liquid Drum Sampler	.75 lb	\$ 16.50

Part #	Description		Price
SAMPLE CONTAINMENT BOTTLES			
456.00	250 ml Bottles (24)	6.50 lb	\$ 42.00
456.05	1 Liter Bottles (12)	6.50 lb	\$ 27.50

High Quality Construction

Made from chemical resistant HDPE and supplemental glass and stainless steel components.

Discrete **LIQUID SAMPLERS**

Designed for Collection of Discrete or Composite Liquid Samples Below the Surface

The patented AMS discrete liquid sampler is an original product of AMS research. Available in several forms, it may be used to obtain discrete liquid samples below the surface level of any liquid, or a composite sample from several intervals throughout the substance being sampled. Use it in drums, tanks, lagoons and open waste as well as monitoring wells, both shallow and deep. These samplers have interchangeable containers of various lengths, making it possible to retrieve different volumes of liquid. The liquid sampler are easily disassembled for cleaning and decontamination.

Part #	Description	Price
MANUAL LIQUID SAMPLER		
2200.00	Manual Liquid Sampler	\$ 536.00
Includes:		
2202.00	21' Extension with Liner Rod	\$ 52.50
2201.15	Fluoropolymer Container	\$ 121.00
2205.00	Top Cap with Fluoropolymer Valve	\$ 266.00
2201.30	Fluoropolymer Container Caps (2)	\$ 18.25
2206.26	Manual 'T' Handle	\$ 9.75
2206.17	Manual Ext. Adapter	\$ 32.50
2205.03	Dump Valve Cap	\$ 140.00

Part #	Description	Price
CABLE CONTROLLED LIQUID SAMPLER		
2200.10	Cable Controlled Liquid Sampler	\$ 607.00
Includes:		
2202.55	25' Cable Control	\$ 2.50
2202.60	Cable Control Handle	\$ 75.00
2201.15	Fluoropolymer Container	\$ 121.00
2205.00	Top Cap with Fluoropolymer Valve	\$ 266.00
2205.03	Dump Valve Cap	\$ 140.00
2201.30	Fluoropolymer Container Caps (2)	\$ 18.25
2202.50	Cable Control Fitting	\$ 97.00

Part #	Description	Price
DUAL VALVE CABLE CONTROLLED LIQUID SAMPLER		
2200.20	Dual Valve Cable Controlled Liquid Sampler	\$ 744.00
Includes:		
2202.55	25' Cable Control	\$ 2.50
2202.60	Cable Control Handle	\$ 75.00
2201.15	Fluoropolymer Container	\$ 121.00
2205.00	Top Cap with Fluoropolymer Valve	\$ 266.00
2205.07	Dump Valve Cap	\$ 132.00
2201.30	Fluoropolymer Container Caps (2)	\$ 18.25
2202.50	Cable Control Fitting	\$ 97.00

Application of Product:

Ball check-valve with plunger-type inner rod allows collection of sample from the surface. Close the sampler valve(s), then lower it to a greater depth where you can re-open the valve for additional samples. Valve(s) are opened and released manually or electronically. The sampler is withdrawn from the liquid and emptied into a container, or it can be partially disassembled and the fluoropolymer body closed with end caps, provided. The latter is a feature useful when hazardous materials are being sampled. End caps allow you to seal samples for storage or shipment without contamination.

The electronic model was designed for use in deep wells where it would be impossible to use a manual actuator. This model is also suited to use as a remote operated sampler in hazardous situations.



Bottom DREDGES

Recover Relatively Undisturbed Samples of Sand and Silt for Sediment Profiling

Designed for collection of relatively undisturbed, aerated samples that can be used for sediment profile descriptions that do not require EPA level geotechnical analysis. It is best suited for soft bottom sampling of sand or silt.

Features Include:

- **Reliable Sample Collection with Each Deployment Due to Large Opening and Weight Ratio**
- **Stainless Steel and Durable Body, Jaws, Top Screen, Side Plates, Underlip Plate, Screen Frame, Fasteners and Hinge Pin**
- **Rust Resistant Design**
- **Powder-Coated Steel Exterior Weights and Closing Arms**
- **A Simple Trigger on the 15 and 25 Pound Designs, which Holds the Dredge Open Until it Makes Contact with the Surface to be Sampled**
- **A Stainless Steel Screening for Top of Dredge, Reducing Frontal Shock Wave and Sample Loss**
- **Meets ASTM D34 Requirements**



Application of Product:

With an opening of 6" X 7 1/2", the AMS **five pound dredge** is a great tool for grab sampling of sand or silt. A simple trigger holds the dredge open until it makes contact with the surface to be sampled.

Part #	Description	Weight	Price
445.70	5 lb Dredge	5.00 lb	\$ 187.00
445.10	15 lb Dredge	15.00 lb	\$ 386.00
445.60	25 lb Dredge	25.00 lb	\$ 528.00
445.00	1/4" Nylon Rope, Per Foot		\$.12

The AMS **fifteen and twenty five pound dredges** are used to obtain most types of bottom material. With an opening of either 5" or 6", the dredge provides an effective sampling area of 30 square inches. The dredge is dropped open onto the bottom sediment. A two-way mechanism prevents accidental closure while the dredge is dropping. The impact of the dredge on the bottom surface triggers the spring-loaded release mechanism without using a messenger. After closure of the mechanism, the dredge is pulled up to retrieve the sample.

Careful release of the sample distributes the sample approximately as it appeared on the bottom, making sediment profile description possible.



Sized & Length
and Outside
Diameter

Mini Stainless Steel & Tapertop™ BAILERS

Collect Composite Samples From 2" Wells and Bore holes

Highly durable and easy to decontaminate, the bailer features a one-piece stainless steel body with a tapered top and a fluoropolymer ball check. The semi-closed top eases recovery from wells and bore holes and prevents entry of foreign material into the sample. The AMS mini bailers were developed with a stainless steel body and fluoropolymer ball check. Designed for use with the AMS Power-Probe direct push sampling system, but may also be used in other applications.

Part #	Description	Weight	Price
TAPERTOP™ STAINLESS STEEL BAILERS			
451.00	1 3/4" X 3' Bailer-SST	3.70 lb	\$ 121.00
2100.04	1" x 36" Bailer-SST	1.20 lb	\$ 89.00
2100.09	7/8" x 36" Bailer -SST	1.10 lb	\$ 84.00
2100.30	3/4" x 36" Bailer -SST	1.00 lb	\$ 79.00
2100.00	5/8" x 36" Bailer -SST	1.00 lb	\$ 74.00
2100.35	3/8" x 18" Bailer -SST	.40 lb	\$ 35.00
2100.36	3/8" x 18" Top Fill Bailer -SST	.40 lb	\$ 35.00

Fluoropolymer Tapertop™ BAILERS

Collect High Integrity Composite Samples with Re-Usable Bailers

The AMS all fluoropolymer TaperTop bailers feature a take apart design for easy cleaning, a near closed top to ease recovery and protect the sample, and the AMS Seal-Plug to make pouring drip free.

Part #	Description	Weight	Price
TAPERTOP™ FLUOROPOLYMER BAILERS			
2100.50	Fluoropolymer Bailer Complete	2.10 lb	\$ 142.00

Includes:

2100.55	1' Fluoropolymer Base	1.00 lb	\$ 44.50
2101.00	Bailer Top Cap	.26 lb	\$ 39.50
2101.05	Bailer Bottom Cap	.12 lb	\$ 29.50
2101.10	Top Cap with Fluoropolymer Valve	.04 lb	\$ 21.00
2101.25	1" Check Ball	.10 lb	\$ 6.00

Part #	Description	Weight	Price
TAPERTOP™ FLUOROPOLYMER ONE PIECE BAILERS			
2100.10	1 3/4" X 1' Fluoropolymer Bailer	.80 lb	\$ 146.00
2100.15	1 3/4" X 2' Fluoropolymer Bailer	1.46 lb	\$ 170.00
2100.20	1 3/4" X 3' Fluoropolymer Bailer	2.18 lb	\$ 183.00

Part #	Description	Weight	Price
TAPERTOP™ BAILER ACCESSORIES			
2100.60	1' Bailer Extension	.88 lb	\$ 77.00
2101.25	1" Check Ball	.10 lb	\$ 6.00



Disposable BAILERS

Eliminate Decontamination and Cleaning with Inexpensive, Disposable Bailers

Collect less aerated, less agitated, composite samples. Designed with a special valve and valve seat to provide more positive sealing and less clogging when removing from 1" wells and bore holes. Will not leak like a sieve when removed! All ClearView disposable bailers come with a handy bottom-empty spout. These spouts reduce loss of volatile contaminants and the possibility of change to the pH and oxidation state due to the handling of the sample. Heavier than most weighted bailers, without the addition of bulky, costly weights. Available in your choice of high quality clear PVC, polyethylene or fluoropolymer body.

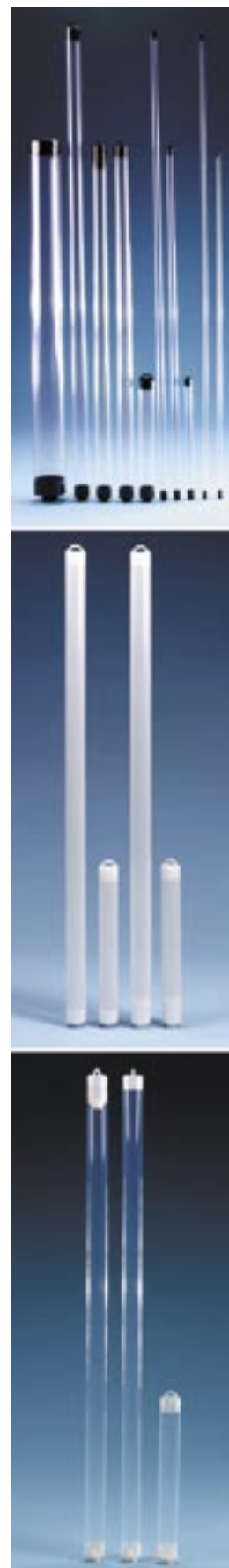
Part #	Description	Weight	Price
CLEARVIEW CLEAR PVC BAILERS			
2106.30	.46" x 3' Clear PVC Bailers (24)	6.00 lb	\$ 203.00
2106.25	.46" x 3' Clear PVC Bailers (24)	7.00 lb	\$ 213.00
2106.20	.70" x 1' Clear PVC Bailers (24)	5.00 lb	\$ 255.00
2106.15	.70" x 3' Clear PVC Bailers (24)	6.00 lb	\$ 137.00
2106.10	.70" x 4' Clear PVC Bailers (24)	7.00 lb	\$ 137.00
2106.05	1 ½" x 1' Clear PVC Bailers (24)	10.00 lb	\$ 255.00
2106.00	1 ½" x 3' Clear PVC Bailers (24)	14.00 lb	\$ 137.00
2106.35	PVC Slow Empty Device	1.00 lb	\$ 11.25

Part #	Description	Weight	Price
CLEARVIEW CLEAR POLYETHYLENE BAILERS			
2106.70	1 ½" x 1' Polyethylene Bailers (60)	6.00 lb	\$ 240.00
2106.75	1 ½" x 3' Polyethylene Bailers (24)	8.00 lb	\$ 123.00
2106.80	1 ½" x 1' Weighted Poly Bailers (60)	10.00 lb	\$ 261.00
2106.85	1 ½" x 3' Weighted Poly Bailers (24)	12.00 lb	\$ 140.00

Part #	Description	Weight	Price
CLEARVIEW FLUOROPOLYMER BAILERS			
2106.50	1 ½" x 1' Fluoropolymer Bailers (24)	10.00 lb	\$ 294.00
2106.55	1 ½" x 3' Fluoropolymer Bailers (12)	6.00 lb	\$ 115.00

Features Include:

- Unique, Design, with a Better Seal
- Redesigned Ball Seat which Prevents Sticking of the Ball
- Even Weight Distribution and Efficient Valve for Straighter and Faster Sinking
- Reduced Splashing with Easy Pour Top
- Bottom Emptying Device, Ideal for VOC Sample Collection
- Clear Body Design for Visual Inspection
- Strong, Ridged Tether for Secure Fastening of Bailer Rope



Horiba™ U-10 METERS

Analyze Industrial Wastewater, Municipal Sewage, River Water, Lake and Marsh Water, Water on Breeding Grounds and Agriculture Use

Part #	Description	Weight	Price
HORIBA U-10 METER			
3012.06	Horiba U-10 Meter 20 m Cable	8.00 lb	\$ 2,950.00
3012.07	Horiba U-10 Meter 10 m Cable	12.00 lb	\$3,369.00
3012.04	Horiba Flow Cell U-10	24.00 lb	\$ 424.00

The U-10 meter is a handy type water quality checker that measures pH, conductivity, turbidity, dissolved oxygen, temperature and salinity levels simply by immersing the analysis device directly into water. May be integrated into the AMS Port-A-Reel or one of the larger AMS well management systems.

WATER DEPTH & INTERFACE METERS

Collect Accurate Measurements of Water Depth Easily and Reliably



Quickly and easily determine both floating non-aqueous liquids (LNAPL) and sinking non-aqueous liquids (DNAPL) with oil/water interface and water level meters, manufactured by Testwell™. Ideal resources for obtaining accurate measurements of product level and thickness in wells and tanks. Ideal choice for well drillers! These meters are available with several alternate tape lengths.

Part #	Description	Weight	Price
WATER & DEPTH INTERFACE METERS			
3013.50	Oil Water Interface Meter 100'	9.00 lb	\$ 949.00
3013.55	Oil Water Interface Meter 150'	9.50 lb	\$ 999.00
3013.60	Oil Water Interface Meter 200'	10.00 lb	\$ 1,049.00
3013.65	Oil Water Interface Meter 300'	11.00 lb	\$ 1,149.00

SBS SYSTEM

Designed to Sample Sediment at Interval Depths in Vary Soil Stratifications

Customer requests, driven by EPA regulations (recent Clean Water Act requirements and Storm water regulations), were the basis for this design. The sampler can be used to sample any interval from the surface of material to a depth of 4 feet below the surface. Specific design elements minimize the chance of cross contamination and loss of the sample.

Part #	Description	Weight	Price
SBS SYSTEM			
5618.00	SBS System	157.00 lb	\$ 1,485.00



New Item!
Call For More
Information

DIRECT PUSH TECHNOLOGY

Over the past 10 years, direct push rigs have gained wide spread acceptance in many industries due to their versatility, relatively low cost, and mobility. Direct push technology allows direct push tooling to be advanced into unconsolidated material using the static weight of the rig and a hydraulic hammer. As opposed to conventional drilling techniques, where soil is removed and a bore hole is produced, direct push rigs use hydraulic pressure to advance tooling into the subsurface. As the tooling is driven into the subsurface, no soil is removed, and only a very small bore hole is created.



POWERPROBE™

Mounted on Pick up Trucks, Trailers or Tracks, a Variety of AMS Direct Push Rigs are Available for Retrieving Soil, Soil Gas, and Groundwater Samples

AMS systems are mounted on a range of platforms, capable of accessing a variety of areas, including the inside of buildings and rugged, off road areas.

Features Include:

- A Variety of Models Available
- Compact and Mobile Designs
- Numerous Drive Hammers & Auger Motors to Choose from
- Ability to Access Areas within Buildings or Off-Road Areas
- Collection of Undisturbed Continuous or Discrete Core Samples from Multiple Mediums Including: Water, Soil, and Soil-Gas

Applications

- Underground Storage Tank Investigations
- Soil Gas Surveys
- Support to Remedial Investigations
- Piezometer Installation
- General Environmental Sampling
- Geotechnical Investigation of Soil Properties

POWERPROBE™ MODELS

9630-PRO*AMS' Largest, Most Aggressive Probe*

The heavy-duty probe is equipped with powerful hammer and 5,000 ft lb auger drive head, is used worldwide by professional environmental and geo-technical in the most difficult soils imaginable.

9630-D, G*Powered by an On-Board Diesel or Gasoline Motor and Equipped with Our Slide Rail System*

No need for a dedicated vehicle for these probes, the AMS slide rail system allows this probe to be mounted to a flatbed, pickup or trailer.

9630-PTO*AMS' Most Popular Model*

Driven off the vehicle's transmission, through a power take off (PTO), this rig is reliable in the field.

9630-VTR*Extreme Traction for Access to Areas Where Wheeled Vehicles Cannot Go*

This rugged probe is our newest model. With its rugged construction, extra wide tracks and stabilized by the standard outrigger, the VTR model is capable of going just about anywhere.

9630-T*Small Package, Yet Powerful Performer*

The tractor mounted model may be small in size, but not in power or performance. This off highway mounting option provides you with the ability to get to just about any job site imaginable. Easily mounted on the tractor of your choice.

9630-SKID STEER*Maneuverable and Compact!*

Able to travel into small, tight areas without a hitch. Mounted on the skid of your choice, it can easily be removed from the skid for use with other applications.

9630-P*Designed for Use in Confined Spaces!*

Designed with large pneumatic tires for easy movement, this rig can go where other vehicle mounted probes cannot. Driven off any standard AMS PowerProbe with an auxiliary hydraulic hook-up kit, or the optional AMS portable hydraulic unit powered by a 15 hp gas motor with electric start.

For More Information on the PowerProbe 9630 models Call an AMS Technical Sales Representative

1-800-635-7330

See Them in Action at:

www.ams-samplers.com



9630-SKID



9630-PRO



9630-VTR



9630-VTR-M



9630-D

POWERPROBE™ TOOLING

Over six decades of experience designing and manufacturing equipment for sampling soils, soil gas and groundwater provided us with the experience necessary to develop innovative tooling that will allow you to directly benefit from the use of direct push technology. AMS has developed several tools to assist in the selection of tools for the PowerProbe.

*For More Information on the PowerProbe Tooling,
Call an AMS Technical Sales Representative*

1-800-635-7330

Piston **SAMPLER**

- **Sample Flowing/Heaving Sands, Swelling Clays and Soils Below Groundwater**

This sampler is ideal for sampling below groundwater. The center rod and tip on AMS' piston sampler will displace the caving soils while pushing to the desired depth to begin sample collection. The attached tip will keep the caving soils from entering the sampler, making sure that your sample is not contaminated.

- **Sample Through Caving Soil**

Specially designed for sample collection in difficult sampling conditions. The durable external extension will displace caving, swelling soils, while the external drive tip keeps soil and water from entering the liner before the sampling depth is reached, reducing sample cross contamination.

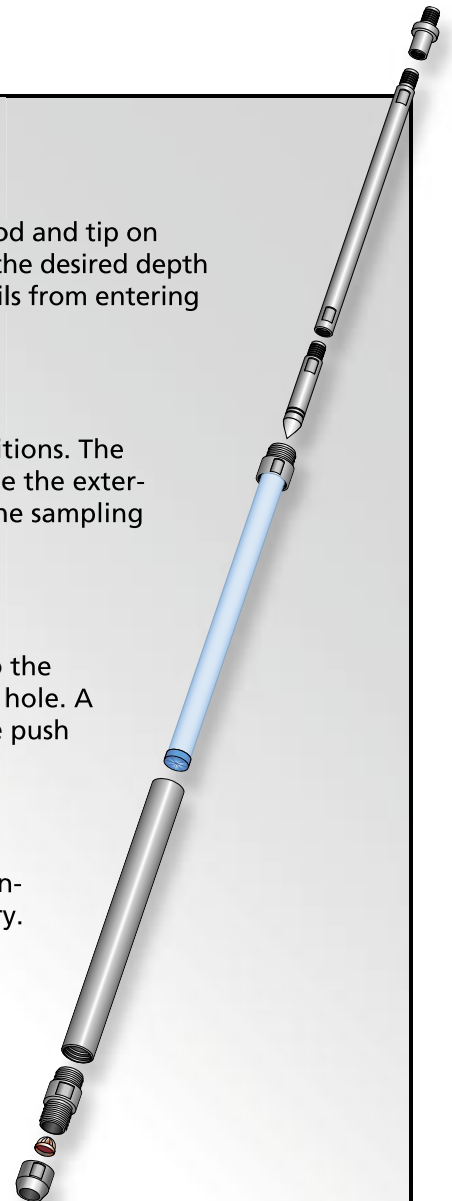
- **Eliminate Pre Probing**

The AMS dual tube system the piston sampler are direct pushed to the desired sampling depth, eliminating the need to pre probe a bore hole. A strong, larger diameter, inner extension resists damage during the push into the soil, increasing the life of your sampler.

- **Recover Samples Consistently**

Uniquely designed, the internal drive tip is completely removed, ensuring an open tip on the sampler and a consistent sample recovery.

Use the core catcher to recover samples in fine or sandy soils.



Single Tube **SAMPLER**

- **Quickly Take Shallow Soil Core Samples in Non-Heaving, Non-Caving Material up to 20' in Depth**

When sampling shallow depths, this is the most cost-effective method available.

- **Great for Telescopic Sampling Techniques**

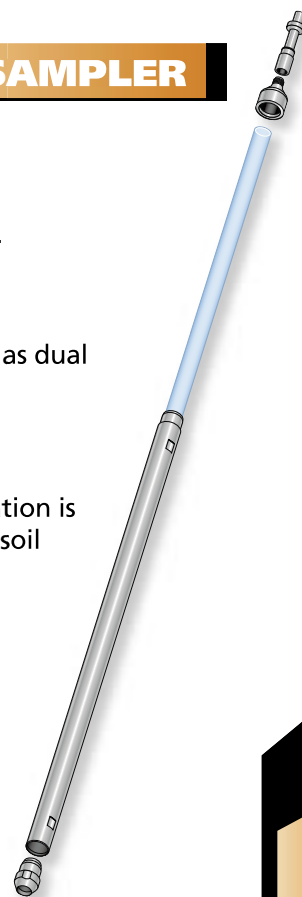
Single tube tooling is ideal for telescopic sampling through larger systems, such as dual tube tooling or hollowstem augers.

- **Use the Same Bore hole for Continuous Sampling**

The single tube tooling is the most cost-effective method when cross contamination is not a concern use the same open bore hole for repeat driving and retrieving of soil for samples.

- **Core Catcher Tip Available**

Increase your sample recovery chances and eliminate unnecessary time for repeated driving and retrieving when collecting soil samples.



Dual Tube **SAMPLER**

- **Designed for Soil Core Collection and Groundwater Profiling**

This multi-use tooling allows a single bore hole for soil sampling, soil gas sampling and the installation of groundwater monitoring wells. The proven AMS dual tube system does away with repeated driving and retrieving of samples from the same bore hole. This eliminates draw down contamination as well as saving a significant amount of time and money.

- **Collect Undisturbed, Continuous Core Samples Through a Cased Bore Hole**

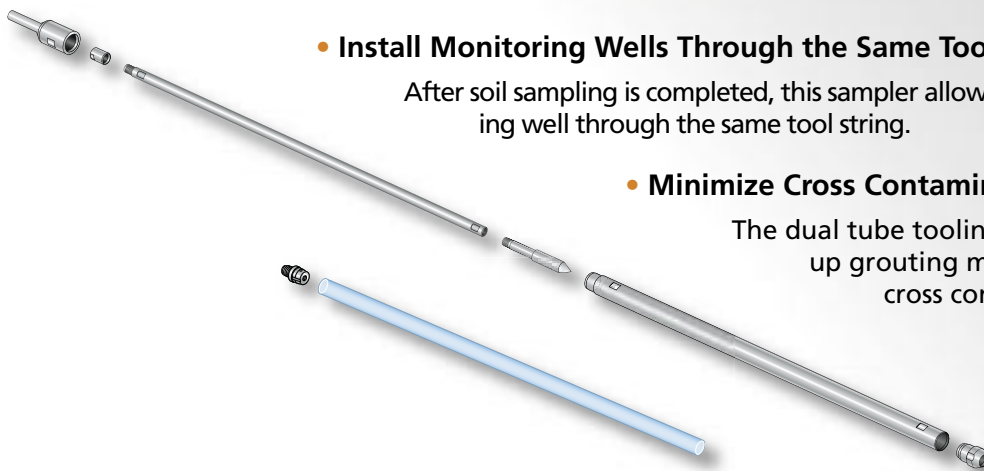
The external extension serves as a casing that keeps the bore hole intact while conducting continuous or discrete interval sampling.

- **Install Monitoring Wells Through the Same Tool String**

After soil sampling is completed, this sampler allows you to set a monitoring well through the same tool string.

- **Minimize Cross Contamination**

The dual tube tooling allows for bottom up grouting minimizing chances of cross contamination.



Injection TOOLING

- **Inject a Variety of Remedial Solutions**

Remedial injections, such as, Oxygen Release Compound (ORC ®), high viscosity Hydrogen Release Compound (HRC ®), and standard bentonite grout mixes can be used with this tooling. Also inject high volume corrosive permanganates, peroxides and other oxidizers. Tremie grouting can also be done, to meet hole abandonment requirements.

- **Adapt to any Injection Pump**

Versatile and effective, AMS injection tooling can adapt to work with any injection pump.

- **Optional Injection Check Ball Adapter Prevents Back Flow**

Target injection zone and evenly distribute remedial solution without worry of backflow/backpressure due to tight lithology.

- **Various Tip Options for Different Injection Purposes**

Specialized injection tips allow control over remedial solution placement.



Groundwater SAMPLERS

- **Quickly Collect Groundwater for Analysis and Characterization**

Often used for screening level investigation because of the ability to rapidly sample a large number of locations. Also used for collection of high quality samples for analysis of all contaminated groups.

- **Sample at the Surface or Sinking Contaminants**

Multiple samples can be collected in the same initial bore hole at greater depths.

- **Quickly Determine Necessity of Monitoring Well Placement**

Direct push technique is a quick and simple method to determine long term well placement. Several bore holes can be accomplished very quickly for assessment of well placement, saving you the unneeded labor expense but still providing you quality samples that meet regulatory requirements.

- **Variety of samplers to Accommodate Different Soil Conditions and Sampling Purposes**

Dependant on your preference, job site requirements and soil conditions, AMS can provide you with the correct tooling to accomplish your sampling tasks.



Soil Gas **SAMPLERS**

- **Target the Sample at its Sampling Point**

A major advantage of soil gas sampling is that data is collected from discrete depths for vertical and horizontal profiling of contaminated concentrations.

- **Penetrate to Sampling Point Quickly**

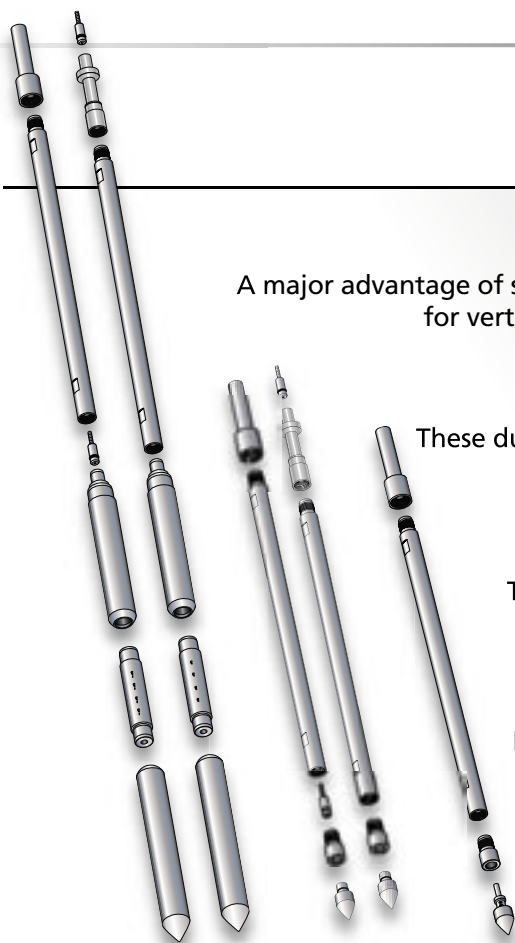
These durable and reliable samplers allows for one push access to the sampling point.

- **Easily Adapt to Existing Tooling**

The versatile system has been designed to be interchangeable with other AMS direct push tooling.

- **Use in a Wide Variety of Methods**

Most commonly used for contaminant point source investigation of volatile organic compounds. AMS' soil gas sampling tools have a number of different options to allow sampling for a wide variety of regulatory and standard procedures.



Hollowstem **AUGERS**

- **New Connection Design**

The new key way coupler provides exceptional strength. It's simplicity allows you to make quick connections for greater drilling efficiency.

- **Water Well Installation**

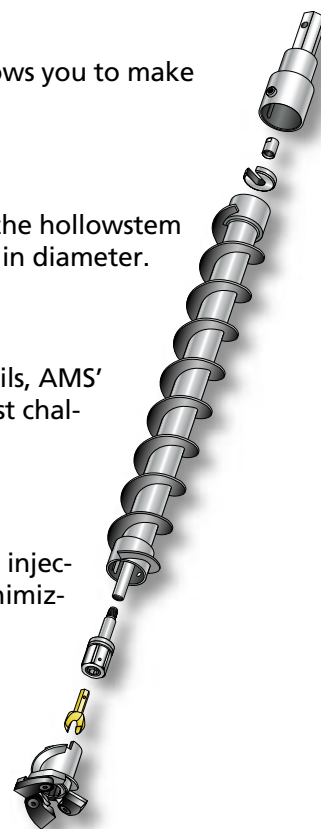
With the variety of sizes & available bits for the different soil conditions, the hollowstem is an efficient way for installation of groundwater wells up to four inches in diameter.

- **Penetrate Deeper Depths**

For those situations where you encounter extremely difficult and rocky soils, AMS' generation three hollowstem augers will penetrate through even the most challenging soil conditions.

- **Minimize Cross Contamination**

The hollowstem auger can function as the casing in a variety of sample or injection methods. It will prevent caving soils from entering the bore hole minimizing cross contamination.



WELL MANAGEMENT SYSTEMS

Fully automated, mobile systems for enhanced management of groundwater monitoring. The patented AMS well management systems have been designed to simplify purging and sampling of monitoring wells, determine the nature and extent of contamination, and monitor water quality and flow rate. Successfully designed to increase well-monitoring efficiency, the system saves more time, money and labor than other well management systems in the industry.

Well MANAGEMENT

Fully Automated and Self Contained!

AMS has been providing innovative solutions for the groundwater sampling industry and enhancing management of water quality programs for over two decades. AMS well management equipment allows for quick and easy determination of the nature and extent of contamination resulting in the identification of areas of concern so resources can be focused on where they will be most effective.

Areas are contaminated through liquid waste discharge from cribs, ditches, trenches, ponds, tanks and wells. Class V injection wells are of particular concern and pose the greatest threat to drinking water. They include:

- Motor Vehicle Waste Disposal Wells
- Industrial Waste Disposal Wells
- Large Capacity Cesspools
- Agricultural Drainage
- Storm water Drainage
- Large Capacity Septic Systems
- Geothermal Wells

For More Information on the AMS Well Management Systems Call an AMS Technical Sales Representative.

1-800-635-7330



SK3500 SERIES

Compact and Affordable!

The smallest of the AMS well management systems, the patented, easy to use rig was designed for the user with a limited number of wells to monitor. Available in both manual and hydraulic systems. Automated, hydraulic driven single boom with double spoon system will handle sampling jobs up to 300' deep. Built on a self-contained skid that can easily be slid into or out of a transport vehicle such as a pickup truck, flatbed truck or trailer.



TK/TR 7000 SERIES

Full Groundwater Pumping Automation for Pump Deployment, Retrieval and Operation up to 300' Deep

Management of dedicated pump installation and monitoring is enhanced with the patented AMS design. The automation of boom extension, rotation and elevation plus motor driven spools for pump deployment/retrieval, make the 7000 series easy and convenient to use.



TK/TR 9000 SERIES

The Ultimate Well Management System!

Simplify purging and sampling of monitoring wells with truck or trailer mounted, electric or hydraulic systems that provides full automation of all sampling states. The TK9000 series provides the most complete well management package offered by AMS and has become the industry benchmark for automated well management.



AMS PORT-A-REELS

Rugged and adaptable, the AMS port-a-reel are great for movement on both smooth and rough terrain. Built primarily for use with the 2" Grundfos Redi-Flo II electric submersible pump, the unique design eliminates hand carrying the pump, hose, motor lead and pump controller (*sold separately*) to the well. All components are neatly integrated into the Port-A-Reel frame for easy travel. The boom is extendable to accommodate different well casing heights and sizes. Mounted on two large diameter 16" O.D. pneumatic wheels with two lockable 5" casters on extendible legs to facilitate movement and stability when in use.



Standard **PORT-A-REEL**

Fully Automated System Reduces Health Risks

Full automation of hose deployment and recovery saves time and reduces health risks associated with manually handling heavy, and possibly contaminated, hose. Available in two models, manual and hydraulic. Both models require a Redi-Flo II pump controller, sold separately.

Part #	Description	Weight	Price
STANDARD PORT-A-REEL - MANUAL			
2602.10	Manual Port-A-Reel 100' Roll	164.00 lb	\$ 3,460.00
2602.15	Manual Port-A-Reel 150' Roll	177.00 lb	\$ 3,676.00
2602.20	Manual Port-A-Reel 200' Roll	190.00 lb	\$ 3,893.00
2602.25	Manual Port-A-Reel 250' Roll	203.00 lb	\$ 4,109.00
2602.30	Manual Port-A-Reel 300' Roll	229.00 lb	\$ 4,325.00

Part #	Description	Price
STANDARD PORT-A-REEL - HYDRAULIC		
2603.10	Hydraulic Port-A-Reel 100' Roll	\$ 5,266.00
2603.15	Hydraulic Port-A-Reel 150' Roll	\$ 5,495.00
2603.20	Hydraulic Port-A-Reel 200' Roll	\$ 5,724.00
2603.25	Hydraulic Port-A-Reel 250' Roll	\$ 5,952.00
2603.30	Hydraulic Port-A-Reel 300' Roll	\$ 6,181.00

Part #	Description	Weight	Price
REDIFLOW CONVERTER			
2500.01	Rediflo 115v to 220v Converter	--	\$ 1,705.00

Features Include:

- Grundfos Redi-Flo II Electric Submersible Pump
- Extendible Mast Fitted with Footage Counter
- Manual Model Includes a Hand Crank for Operation
- Hydraulic Model Includes a 1 hp, 110v Electric Driven Hydraulic Pump
- 15' Motor Lead Extension
- 10' Discharge Hose

Environmental **PORT-A-REEL**

Stainless Steel and Fluoropolymer Parts Ensure Representative Sample Collection and Effective Decontamination

Similar to the standard model, but with the added benefit of stainless steel or fluoropolymer construction for all parts that contact water. Available in two models, manual and hydraulic, with a selection of fluoropolymer tubing lengths. Both models require a Redi-Flo II pump controller, sold separately. The Grundfos Redi-Flo II pump is attached to the ¾" O.D. fluoropolymer tube. The motor lead and a stainless steel support cable are enclosed within this tube.

Part #	Description	Weight	Price
STANDARD PORT-A-REEL MANUAL			
2602.40	Manual Port-A-Reel 100' Roll	200.00 lb	\$ 4,082.00
2602.45	Manual Port-A-Reel 150' Roll	210.00 lb	\$ 4,391.00
2602.50	Manual Port-A-Reel 200' Roll	220.00 lb	\$ 4,700.00
2602.55	Manual Port-A-Reel 250' Roll	230.00 lb	\$ 5,009.00
2602.60	Manual Port-A-Reel 300' Roll	240.00 lb	\$ 5,381.00

Part #	Description	Price
STANDARD PORT-A-REEL HYDRAULIC		
2603.40	Hydraulic Port-A-Reel 100' Roll	\$ 5,740.00
2603.45	Hydraulic Port-A-Reel 150' Roll	\$ 6,074.00
2603.50	Hydraulic Port-A-Reel 200' Roll	\$ 6,408.00
2603.55	Hydraulic Port-A-Reel 250' Roll	\$ 6,741.00
2603.60	Hydraulic Port-A-Reel 300' Roll	\$ 7,075.00

Part #	Description	Weight	Price
REDIFLOW CONVERTER			
2500.01	Rediflo 115v to 220v Converter	--	\$ 1,705.00

All Port-A-Reel Models are Available in the Following Lengths:

- 100 Foot
- 150 Foot
- 200 Foot
- 250 Foot
- 300 Foot

For More Information on the Port-A-Reel Models and Available Options and Accessories, Call an AMS Technical Sales Representative at:

1-800-635-7330



CONCRETE & ASPHALT CORING

The PowerCore is a convenient, cost efficient method for retrieving a soil sample covered by concrete pavement. Rather than having to remove a large section of the concrete or asphalt, simply bore through a small area of the pavement and collect multiple clean, efficient core samples. Equipped with a unique slider column for easy in and out as well as side to side motion. Available with the AMS slide rail system.

POWERCORE™



Applications Include:

- Underground Storage Tank Investigations
- Soil Gas Surveys
- Support to Remedial Investigations
- Piezometer Installation
- General Environmental Sampling



For More Information on the PowerCore Models Call an AMS Technical Sales Representative

1-800-635-7330

Hand Sampling **EQUIPMENT**

AMS maintains an extensive warehouse of finished product and will usually be able to ship orders within 24 hours of receipt.

Prices

and added to the invoice. Orders received from Idaho will have 6% sales tax added to the invoice. Terms of sale are check in ad-

on any unpaid balance, (21% per annum) with a minimum of \$5.00 per month finance charge. Products net weights are shown in pounds. Prices and products shown in this price list are subject to change without notice. Unused products returned to AMS for credit will be subject to a 15% re-stocking fee.

AMS

Inspect shipments immediately and insist that visible damages be indicated on your copy of the freight bill. Open shipments immediately and inspect them for concealed damage. In case of damage, notify the delivering carrier immediately, requesting that an inspection be made. Confirm all telephone requests in writing and keep records. AMS has taken every precaution to ensure a safe delivery, but our responsibility ceased when we turned the shipment over to the carrier. You, our customer, must make all claims for damage immediately to the carrier.

LIMITED WARRANTY FOR HAND SAMPLING EQUIPMENT

Products m
to be free

Warranty i
at AMS by AM

have been damaged due to misuse or has come in contact with any unforeseen obstacles in the field that the equipment was not intended to handle, i.e.: boulders, foundations, etc.

Shipping to and
less the Buyer
wil

All equipment returned to AMS, Inc. must be certified free of contamination. A written statement certifying decontamination must accompany such equipment and the responsibility of the equipment is decontaminated by the Buyer.

Equipment
no event or circumstance
punitive or special,
time of delivery. The Buyer will be solely responsible for used and suitability of equipment for intended use.

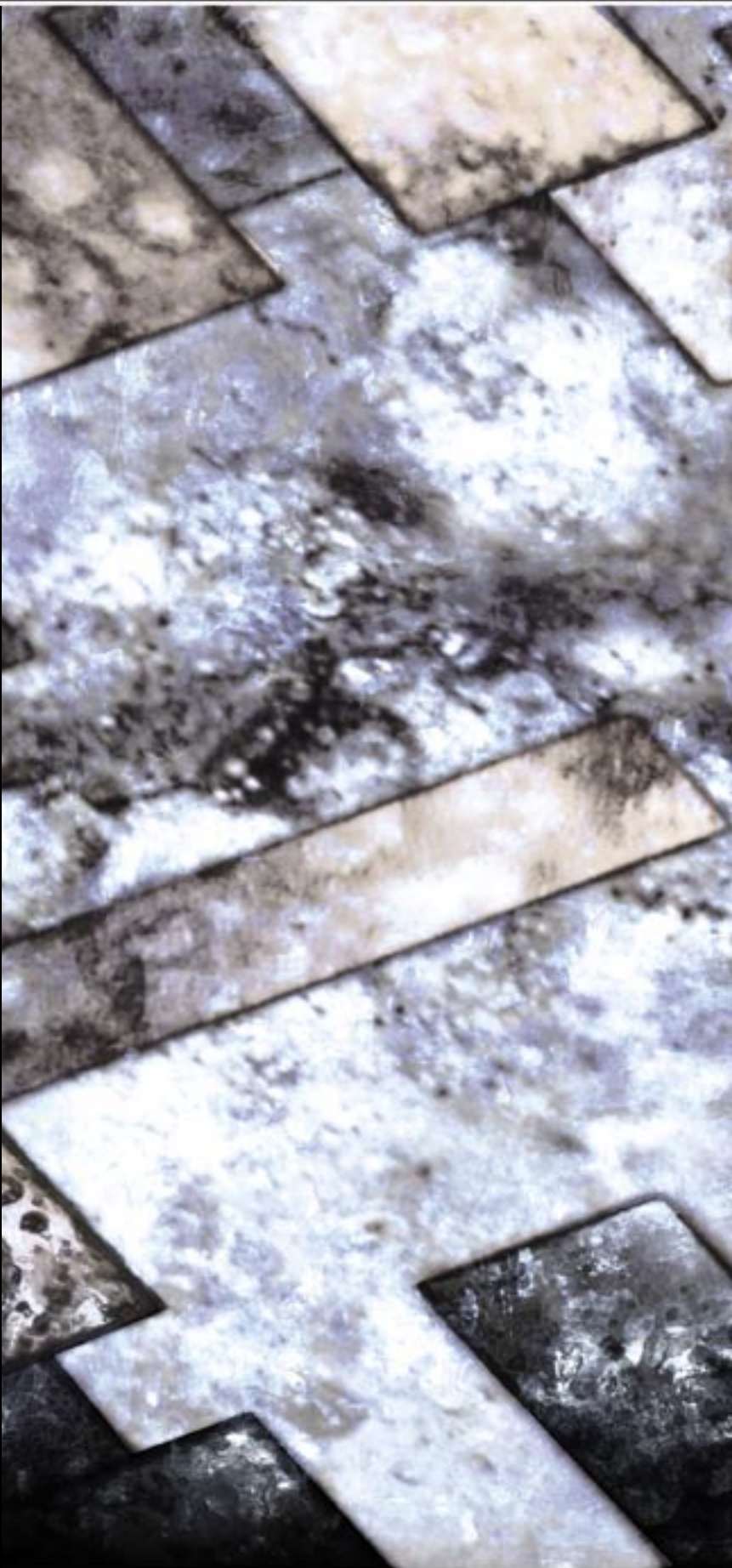
SEVERABILITY

It is understood and agreed to by the parties hereto that if any part, term or provision of this warranty is, (by the courts), held to be illegal or in conflict with any law, (either state or federal), the validity of the remaining portions or provisions shall not be affected and the rights and obligations of the parties shall be concluded and enforced as if this warranty did not contain the particular part, term or provision held to be invalid.

MISCELLANEOUS

The terms and conditions hereof and any litigation hereunder shall be constructed according to the laws and venue of the State of Idaho, USA. No waiver by either party or breach of any of the terms and conditions herein contained shall be construed as a waiver of any succeeding breach of the same or any other term and condition hereof. This document shall constitute the full understanding of the parties. Neither party shall claim any modification, limitation, or release from any of the terms or conditions contained herein except by mutual agreement to that effect in writing and signed by the parties to be bound.

All equipment returned to AMS, Inc., must be certified free of contamination. A written statement certifying decontamination must accompany such equipment. If it is determined that the customer's equipment is contaminated it will be returned to the customer at the customer's expense and the customer will be held liable for any damages that AMS may incur. Any expense incurred by AMS for decontamination or inspection is the responsibility of the customer. Contaminated equipment will not be repaired, replaced or covered under any warranty until such time that the said equipment is decontaminated by the customer.



AMS Inc. • 105 Harrison Street • American Falls, ID 83211 • 1-800-635-7330 • (208) 226-2017 • Fax: (208) 226-7280 • www.ams-samplers.com



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