



AMS, Inc.
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The world's finest
sampling equipment.

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Gas Vapor Implants

Gas Vapor Implants:

AMS gas vapor implants are used for permanent soil gas monitoring, underground storage tank monitoring, groundwatersampling, airsparging, pressure measurement, and vapor extraction monitoring. They are designed to fit a wide array of tubing materials and sizes.

AMS gas vapor implants are placed through boreholes after rods have been driven to depth, and they can be set at any depth attainable by a soil probe. They are convenient and inexpensive devices for soil gas monitoring, air sparging, and groundwater sampling.

They have double woven stainless steel wire screens with a .0057-in. (.015mm Pore), and stainless steel, reverse-threaded, solid ends that allow for an anchor point to be threaded on or used for open-hole placement. All end fittings are stainless steel, and custom lengths are available.

AMS gas vapor implants are available with either a universal barb fitting or 1/4" swagelok fitting. The stainless steel universal barbed fitting accepts tubing ID sizes 3/16", 1/4", and 1/2". They are used with 5/8" and 1/2" ID rods.

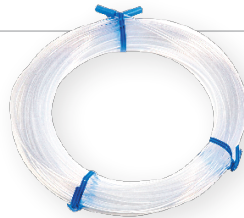
Implant Length: 6-inches (152mm)
12-inches (305mm)
21-inches (533mm)
Implant OD: 0.50-inch (12.7mm)
Screen Pore Size: 0.0057-inches (.15mm)



part #	item description	weight	price (ea.)
21010	Implant 6" with stepped fitting for 3/16", 1/4", and 1/2"	0.8 lb	\$ 30.50
21011	Implant 12" with stepped fitting for 3/16", 1/4", and 1/2"	1.0 lb	\$ 49.50
21012	Implant 21" with stepped fitting for 3/16", 1/4", and 1/2"	1.5 lb	\$ 61.00
21013	Implant 6" with 1/4' swage lock fitting	0.6 lb	\$ 34.00
21014	Implant 12" with 1/4' swage lock fitting	0.8 lb	\$ 67.00
21007	Implant 21" with 1/4' swage lock fitting	1.0 lb	\$ 75.00

Fluoropolymer Tubing

Fluoropolymer tubing can be used with AMS Retract-A-Tip, the AMS dedicated tip, and vacuum pumps for collecting soil gas samples.



part #	item description	weight	price (ea.)
214.98	3/16" ID x 1/4" OD x 50' Fluoropolymer Tubing	1.1 lb.	\$ 83.70
214.99	3/16" ID x 1/4" OD x 100' Fluoropolymer Tubing	2.1 lb.	\$ 161.90
215.00	3/16" ID x 1/4" OD x 250' Fluoropolymer Tubing	5.1 lb.	\$ 363.90

Vacuum Station

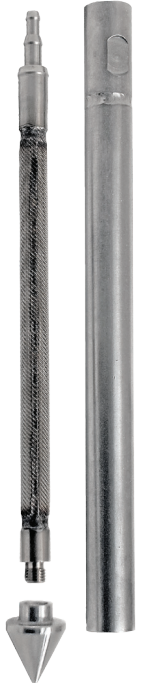
This 12-volt system is used for soil gas sampling. It comes with a two-gallon reservoir, and line and tank gauges to measure the vacuum applied and volume extracted.

part #	item description	weight	price (ea.)
5052.45	12 Volt Vacuum Station	5.4 lb.	\$ 1,173.00
76001	Sample Collection Valving System		\$ 175.00
76005	Low-Flow Gauge with Tripod		\$ 275.00
76009	Wheel Kit		\$ 275.00

Gas Vapor 6" Implant Drive Kit

The AMS 6" gas vapor implant drive kit is used for long-term soil gas monitoring, groundwater sampling, vapor extraction monitoring, and as a pressure measurement point in vacuum testing. This kit allows a user to obtain or collect a soil gas sample by positioning or placing a 6" implant in the subsurface, and subsequently withdrawal a sample of soil atmosphere through the implant from the target sampling horizon.

- Includes: 6" gas vapor implant, 6" GVP implant drive end, and dedicated dummy tip
- Material: Steel implant drive end, SST gas vapor implant, SST dummy tip



part #	item description	weight	price (ea.)
55467	6" Implant Drive Kit	1.0 lb.	\$ 135.00

Gas Vapor Implant Drive Kit Parts

part #	item description	weight	price (ea.)
21010	6" Gas Vapor Implant	0.2 lb.	\$ 30.50
55463	GVP 6" Drive End	0.8 lb.	\$ 102.90
55466	Dedicated Dummy Tip	0.1 lb.	\$ 8.40

Hand Vacuum Pump

The hand vacuum pump is a simple system for soil gas and groundwater sampling when there is no accessible electricity. It includes a vacuum gauge release valve and fittings.



part #	item description	weight	price (ea.)
215.06	Hand Vacuum Pump	1.6 lb.	\$ 104.10

Electric Vacuum Pumps

A 12-volt powered pump with 15' cord and plug.



part #	item description	weight	price (ea.)
5052.40	12 Volt Vacuum Pump	1.7 lb.	\$ 530.00

Sampling Equipment

PowerProbe

Well Management

Pest Control

PowerCore

Gas Vapor Implant Assembly & Installation Options

The solid 5/8" OD extendable tile probe extensions are designed to locate underground obstructions and create pilot holes. 1/4" OD tubing can run through the hollow extensions.

It is recommended that you pre-punch your hole to your target depth with the solid extendable tile probe extensions and tip. Then you can re-enter the same borehole with your hollow extensions and sampling point. By doing this, you will substantially increase the life span of your equipment.

The flighted auger with hard surfaced tip can be used to pre-drill boreholes in rocky or hard soils prior to the insertion of GVP tips. Concrete bits are ideal for boring access holes through concrete and asphalt.



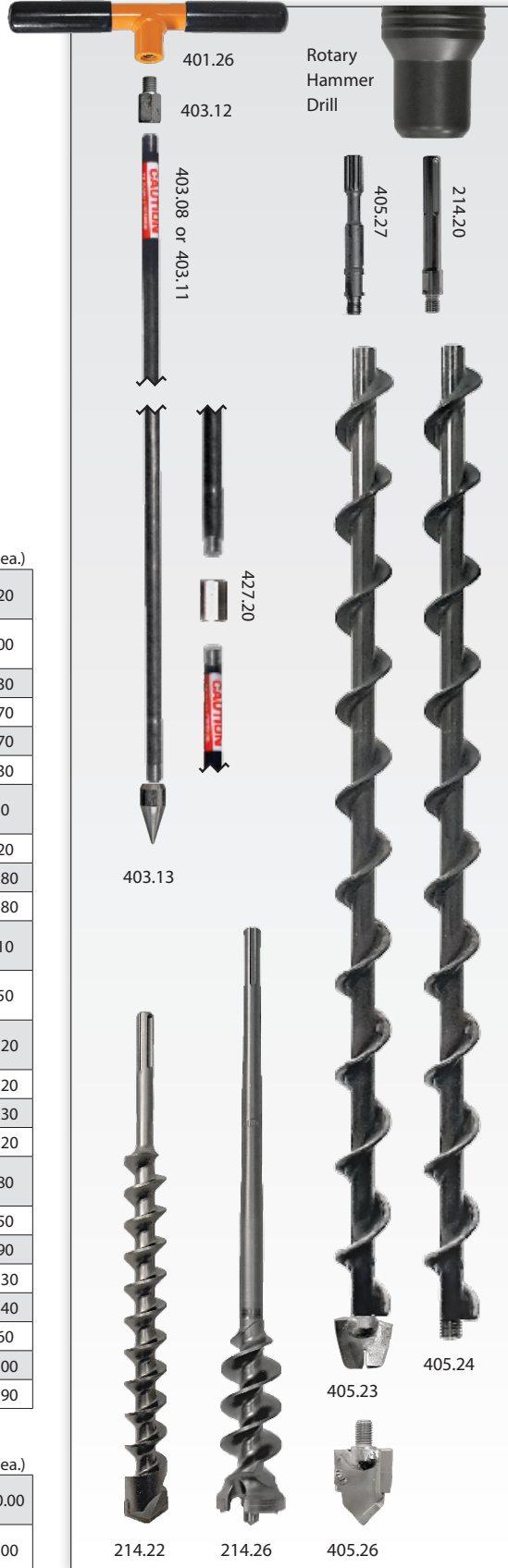
Assembly & Installation Parts

part #	item description	weight	price (ea.)
403.10	5/8" x 3' Extendable Tile Probe Complete (See page 26 for details)	3.3 lb.	\$ 93.20
403.09	5/8" x 4' Extendable Tile Probe Complete (See page 26 for details)	4.3 lb.	\$ 96.00
401.26	10" Soil Probe Cross Handle	0.9 lb.	\$ 22.30
403.12	5/8" NC Male to 5/8" NF Adapter	0.3 lb.	\$ 19.70
403.08	5/8" NF 4' Tile Probe Extension	4.2 lb.	\$ 92.70
403.11	5/8" NF 3' Tile Probe Extension	3.2 lb.	\$ 86.30
427.20	5/8" NF Extendable Tile Probe Coupling	0.1 lb.	\$ 8.30
403.13	5/8" NF Extendable Tile Probe Tip	0.2 lb.	\$ 14.20
214.22	1 1/2" Concrete Bit SDS-Max	4.2 lb.	\$ 220.80
214.26	2 1/2" Wild Bore SDS-Max	6.6 lb.	\$ 491.80
214.20	5/8" NC Male to SDS-Max Drill Adapter	0.8 lb.	\$ 86.10
405.27	5/8" NC Male to Splined Drill Adapter	0.6 lb.	\$ 86.50
405.23	2" x 36" Flighted Lead Auger with 2" Hard Surfaced Tip	6.0 lb.	\$ 252.20
405.24	2" x 36" Flighted Extension	5.8 lb.	\$ 212.20
405.26	2" Carbide Tip	0.7 lb.	\$ 116.30
400.99	5/8" NC Regular Slide Hammer	10.3 lb.	\$ 162.20
214.105	5/8" NC Slide Hammer Adapter to 3/4" OD	0.7 lb.	\$ 45.80
214.18	SDS-Max Drill Adapter to 3/4" OD	0.8 lb.	\$ 54.50
214.045	Extension Drive Adapter to 3/4" ID	2.0 lb.	\$ 67.90
214.06	5/8" NF 3' GVP Extension	2.6 lb.	\$ 113.30
214.05	5/8" NF 4' GVP Extension	2.4 lb.	\$ 140.40
214.09	5/8" NF GVP Tip Drive End	0.2 lb.	\$ 31.60
55467	6" Implant Drive Kit	1.0 lb.	\$ 135.00
215.00	250' Fluoropolymer Tubing	5.1 lb.	\$ 363.90

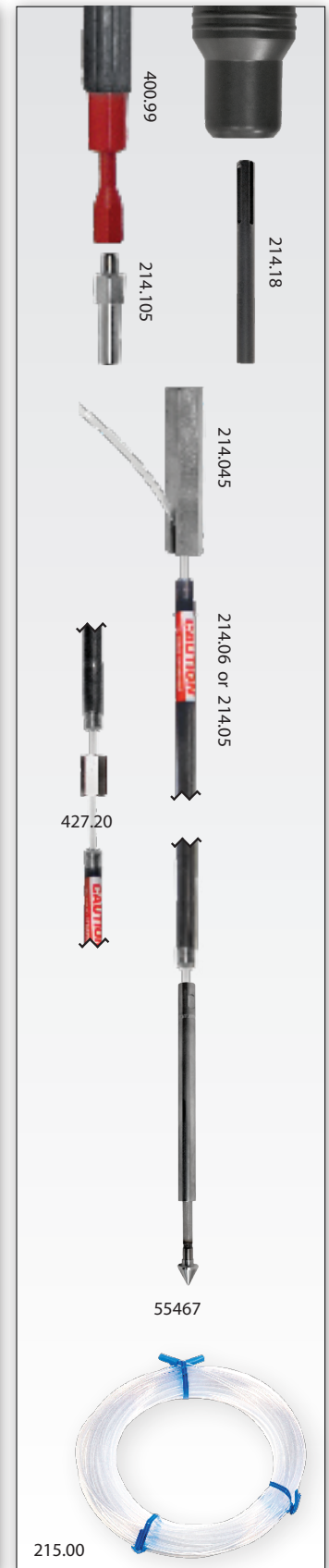
Rotary Hammer Drills

part #	item description	weight	price (ea.)
213.88	Bosch 11245EVS Rotary Hammer	35.0 lb.	\$ 1,250.00
213.92	Hammer Drill DeWalt D25600K Roto SDS-Max	25.0 lb.	\$ 895.00

Driving to Depth



Collecting Sample(s)



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