

SOIL AND GROUNDWATER SAMPLING EQUIPMENT

MINING



Made in the U.S.A.

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Dear Mining Industry Professional;

AMS, Inc. has been a leading provider of high quality sampling equipment since 1942. AMS sampling equipment is primarily used for environmental, geotechnical, and remediation uses as well as soil, soil gas, and groundwater monitoring. In addition, AMS makes PowerProbe direct push/hollowstem auger drill rigs for environmental and geotechnical drilling activities. AMS also manufactures and offers direct push tooling, drilling equipment, accessories, and expendables for soil sampling, groundwater sampling and monitoring well installations.

Enclosed you will find a brief brochure with some of our most popular products selected specifically for the mining industry. I hope that you find something in this brochure that you need and/or have been searching for.

Please feel free to contact myself or one of my colleagues below if you have any questions regarding hand sampling equipment, PowerProbes, tooling, equipment, accessories, expendables, or if you would like a complete sampling catalog mailed to you. Our product information is also available on our website at www.ams-samplers.com

Thank you for your time,

Hari Anestos
Global Accounts Manager
AMS, Inc.



CUSTOMER SERVICE

*Everyone at AMS is dedicated to exceeding our customers' needs and expectations. From answering questions about availability, use and care, to developing customized products, we're here to help.
Call 208-226-2017 or 1-800-635-7330 for more information.*

AMS SK-3500

The AMS SK-3500 Groundwater Well Monitoring & Sampling System was designed for use in wells with various depths up to 1500 feet below ground surface. The automated, hydraulic-driven boom with double-spool system makes it efficient for an operator to monitor groundwater and then collect samples at the appropriate time. The SK-3500 is built on a self-contained skid that can easily be slid into or out of a wide variety of transport vehicles.



"Golden Sunlight Mines, Inc. had purchased the pump truck in August of 1994 from Arts Manufacturing. It has been a reliable component of the water quality sampling here for the last 20 years. The original truck that the pump system was mounted to had to be replaced. We mounted the system on a new truck and it is still going strong. The pump system is used 5 days a week all year long. In that amount of time Golden Sunlight has replaced the pump hose 3 times (things wear out after all the use). It is a great piece of mobile equipment that saves a lot of time and money. It is easy to operate and maintenance is very low. If and when this sampling system wears out we would purchase another one from Arts Manufacturing. The people that represent Arts are very helpful and will assist you when needed."

-- Rick Henderson
Golden Sunlight Mines, Inc

PROFESSIONAL KIT AND PORT-A-REEL

AMS professional series augers feature thicker cutting teeth with stronger welds and extra tungsten carbide hard surfacing. They are also reinforced with extra gussets that are welded at both the top and bottom of the bail. These gussets help prevent the bail from bending or twisting when augering into hard or rocky soils, or when the augered hole is exceptionally deep.

Part # 402.23

PROFESSIONAL SOIL SAMPLING KIT



PORT-A-REEL



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



PowerProbe™

Equipping the World to Sample the Earth

POWERPROBE™ 9580-VTR

The 9580-VTR PowerProbe™ is powered by a tier 4, 74 HP Kohler KDI liquid-cooled turbo diesel engine, and has an increased diesel fuel storage to 30 gallons. The new auger and hammer system has hydraulic pivot and locking systems, and the hammer, auger motor, winch, and auto-drop can all be positioned over the same borehole without realigning or repositioning the machine. The new auto-drop hammer has improved hammering capability and functionality, and the new 3,000 lb. hydraulic hi-speed winch requires less operator attention. The rig also features a stronger mast with a larger foot for increased stability, and has a more compact height and width – as well as a fully equipped weight under 12,000 lbs with a lower center of gravity. We have added a new hydraulic tooling rack with increased rod carrying capacity, a multi-functioning dozer blade, an all new control panel that allows you to run everything from a single position.



POWERPROBE™ 9120-RAP

The 9120-RAP PowerProbe machine is a new and improved design for the 9100 series models that allows you to use a UTV style to get in remote job sites for shallow direct push applications with 4-foot DP Extensions. This model comes standard with our 90 ft/lb hydraulic hammer to sample in almost any type of soil condition you run in to.

The 9120-RAP can be set up as a quick detach from the UTV machine if you need to Heli-Lift by air into remote locations with or without access roads.

DREDGES

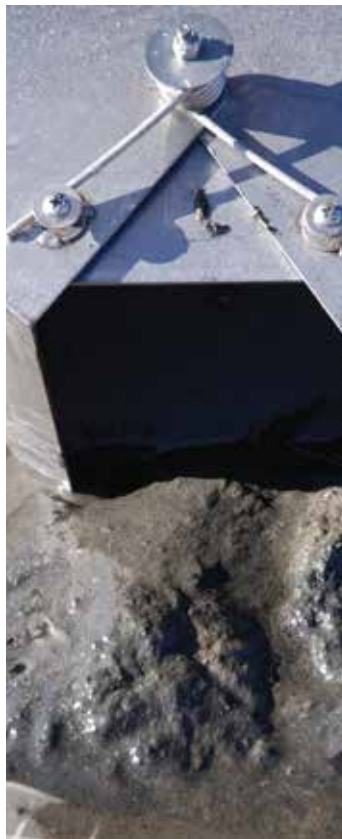


Part # 445.10

AMS bottom dredges are primarily designed for sampling sand and silt but can be made to sample most types of non-cohesive material, except hard-packed clay. They provide samples from which the sediment profile can be described.



Part # 445.70



MULTI-STAGE SLUDGE AND SEDIMENT SAMPLER



The Multi-Stage Sludge Sampler (MSS) is available as a kit or individual components.

The Complete Kit includes a Top Cap w/ flap Valve, Multi-Stage Base Section and Core Tip. A clear plastic Liner, 2-in Basket Retainer, two plastic End Caps and Slip Wrench are also included.

The Multi-Stage Sludge Sampler is sized by the sampler OD of 2 3/8-in, Liners used are 3/8-in smaller.

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