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*The world's finest  
sampling equipment.*

## Basic Soil Sampling Kit - Signature Series

Technical Data Sheet • page 1 of 1

### DESCRIPTION:

Hand auger kit includes a Standard type Regular, Mud and Sand Auger plus an AMS Core Sampler\* with slide hammer. Included accessories are three 4 foot (1.2m) extensions, cross handle, cleaning brush, 2 crescent wrenches and slip wrench all contained in an AMS Deluxe storage and transport case. Two sizes of kit are available, 3 1/4 inch (8.3 cm) augers with 2 inch (5.1 cm) Core Sampler and 2 1/4 inch (5.7 cm) augers with 1 1/2" Core Sampler. Quick connect is not available with this kit.

### APPLICATION:

Use of the augers for accessing the sampling point at depths of up to about 12 feet (3.6 m) with the supplied extensions and AMS slide hammer. The sample may be collected within a removable retaining cylinder (liner). Plastic end caps are included.

### FEATURES

AMS Soil augers are designed to rapidly remove soils of all types, using the specially designed bits on the Regular, Mud, and Sand models. The auger tips are tungsten carbide hard surfaced and heat treated before sharpening. The core sampler features a heat treated coring tip on the cylinder and a threaded end cap. All attachment couplings are signature series threaded.

### BENEFITS

For your convenience, all the items necessary for accessing a sampling point and then taking a sample are included. AMS soil buckets are the most efficient available in terms of effort required and speed. The AMS Core Sampler allows immediate core examination or a sample may be collected in a retaining cylinder for later use.

### USE:

Assemble the chosen soil auger with an extension and cross handle. Place at the desired angle on the soil surface and turn three revolutions, or until full. Lift carefully from the hole and empty from the bail by tapping the cross handle on the ground. Repeat until the sampling depth is reached. Assemble core sampler to an extension(s) and slide hammer. Place in the hole and mark the extension six inches (5.1 m) above the soil surface. Use the slide hammer to drive in the the sampler to the mark and carefully remove. Disassemble, remove the liner and place the cap on each end.

### HELPFUL HINTS:

Use plumbers wick on male threads used with Slide Hammer to help threads stay tight. Keep all fittings and samplers clean, dry and free of dirt or Mud. You can clean tooling with soapy water. Always dry to prevent rusting. Use a wire brush on male threads. Use vegetable oil on tools to prevent fittings locking up and rusting. When using augers, use rubber O-rings on male thread to help take apart.

### SPECIFICATIONS:

AMS Soil Auger Kits are manufactured by AMS from all USA made materials. See separate AMS Technical Data Sheets for details on the Regular, Mud, Sand & Soil Augers, Core Sampler, Extensions, Cross Handles, Slide

Hammer, and Liners. Crescent wrenches are made from chrome plated forged steel. The cleaning brush is made with nylon bristles, with a twisted wire handle. The AMS Deluxe Case is molded from glass reinforced plastic with a lid gasket and lockable hasps.

### Kit Composed of the Following Items

Item	Size	Part #	Size	Part#
1- Regular Auger	3 1/4"	350.06	2 1/4"	350.08
1- Mud Auger	3 1/4"	350.18	2 1/4"	350.20
1- Sand Auger	3 1/4"	350.40	2 1/4"	350.42
1- Cross Handle		351.54		351.54
3- Thrd. Extensions	4'	351.03	4'	351.03
1- Core Sampler*	2" x 6"	354.16	1 1/2" x 6	354.15
* w/slip wrench, liner & caps				
1- Slide Hammer		350.99		350.99
1- AMS Nylon Brush	2"	430.07	1 1/2"	430.11
2- Crescent Wrenches			421.10	
		421.10		
1- Slip Wrench		421.29		421.29
1- AMS Deluxe Case		430.01		430.01
* Patent Pending, USA & Foreign				

### ANCILLARY ITEMS:

AMS Extensions, Liners, End Caps, End Cap Inserts, Sieves, Soil Color Charts, and Sample Containers.

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Size	Basic Kit Signature Series
2 1/4"	352.52
3 1/4"	352.51

Sampling Equipment

PowerProbe

Well Management

Pest Control

PowerCore