

SOIL PROBES

TECHNICAL DATA SHEET

DESCRIPTION:

The AMS Soil Probe is used for surface sampling. It cuts a sample slightly smaller than the inner dimension of the probe to facilitate easy sample removal. Outer dimension of the probe is slightly larger for ease of soil penetration.

BENEFITS AND FEATURES:

Easily take and view soil samples with this probe. With added extensions, it is extendable to even greater soil depths. Open slot for easy removal of soil sample. Thread on cross handle for compact storage.

The probe is made of 4130 alloy steel with hardened tip, & is available with chrome plating. Probes are also available in stainless steel for environmental use. All soil probes come complete with cross handle & are available with optional Slide Hammer attachments. Achievement of greater soil depths may be obtained by combining the AMS Soil Probe with the AMS extensions.

USE:

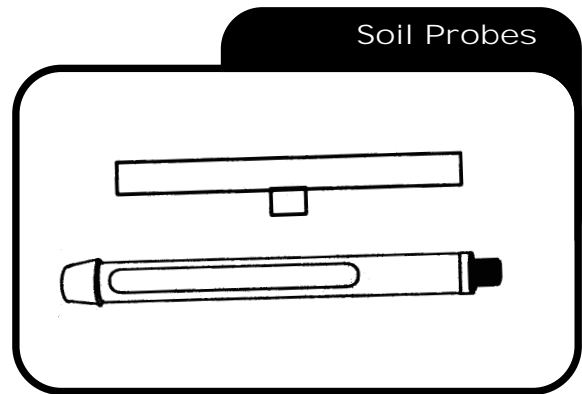
To use, assemble probe using either the supplied Cross Handle or the optional Slide Hammer. Once the probe is assembled, drive it into the soil. Once sampling depth is achieved, retrieve soil sample by pulling back on the Cross Handle or tapping upward with Slide Hammer. Remove sample from probe and place into sample container. Decontaminate the soil probe and repeat the above or add extension(s) to recover soil samples from the same hole at greater depths.

HELPFUL HINTS:

Use Flouropolymer tape or plumber's wick on 5/8 inch male threads to help keep threads tight. Keep all fittings and samplers clean, dry and free of dirt or mud. Clean tools with warm soapy water, & always dry to prevent rusting. Use a wire brush to clean male threads. Use vegetable oil on tools to prevent fittings locking up and rusting. When using augers, use rubber O-rings on male 5/8 inch thread to help take apart. It is important to remember to follow local decontamination protocols prior to sampling.

ANCILLARY ITEMS:

Soil Ejector, Sieves, Sample Containers, AMS Extensions, Bucket Auger



SOIL PROBES								
Size	Chrome Plated	Chrome Plated with Hammer	Stainless Steel	Stainless Steel with Hammer	Soil Recovery Chrome Plated	Soil Recovery Stainless Steel	Soil Recovery Dual Purpose Chrome	Soil Recovery Dual Purpose Stainless Steel
1 1/8" x 24"	401.11	401.19	401.17	401.18	424.07	424.43	424.23	424.51
1 1/8" x 18"					424.05	424.42	424.21	424.50
1 1/8" x 12"					424.03	424.41	424.19	424.49
1 1/8" x 6"					424.01	424.40	424.17	424.48
7/8" x 33"	401.01	401.07	401.15	401.16				
7/8" x 24"					424.15	424.47	424.31	424.55
7/8" x 21"	401.02	401.05	401.13	401.14				
7/8" x 18"					424.13	424.46	424.29	424.54
7/8" x 12"					424.11	424.45	424.27	424.53
7/8" x 6"					424.09	424.44	424.25	424.52



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