

# DISCRETE LIQUID SAMPLER

## T E C H N I C A L   D A T A   S H E E T

### DESCRIPTION:

The new AMS Discrete Level Sludge Sampler was developed from the AMS Sludge Sampler. The AMS Discrete Liquid Sampler, complete, includes the Stainless Steel body, Top Cap with valve, Core Tip, Slotted Piston, Operating Rod and "T" Handle, 3' Outer Tube with Lock Pin, liner and 2 Plastic End Caps.

### BENEFITS AND FEATURES:

The assembled sampler has a slotted piston positioned immediately behind the butterfly valve to keep it closed as the sampler is lowered or pushed to the sampling point. The sampler is made from 300 series stainless steel. It may be disassembled for cleaning. The sampler has a total length of 57" (1.5m) and is available in two diameters, 2 1/4" and 3 1/4", allowing collection of samples 12" long by 2" or 3" O.D. Extensions are available for deeper sampling. A locking pin holds the piston in place so the piston does not move until the operator releases the pin.

The AMS Discrete Level Sludge Sampler can be easily disassembled for cleaning. Allows prevention of the sample from escaping as it is drawn from the test site. Allows collection of a sample at a predetermined, discrete depth without collecting a sample from above or beneath the desired depth. 3, 4 and 5 foot extensions are available with this product for a variety of sampling depths.

### USE:

It is designed to allow wamples of semiliquid materials to be collected from predetermined discrete depths under operator control.

Insert the sampler into the sampling site in the locked position. Release the locking pin and pull up on the rod at the same time. Continue to pull up on the rod until it locks again (this is a 12" stroke). Remove from sampling site and disassemble. Cap the top end and flip over, remove liner and cap other end.

### HELPFUL HINTS:

Be sure to keep threads clean and also keep the valve clean for smooth operation. Keep all fittings and samplers clean, dry and free of dirt or mud. Clean the AMS Discrete Level Sludge Sampler to local EPA protocol. You can clean tools with warm soapy water. Always dry to prevent rusting. Use a wire brush on the male threads. Use vegetable oil on tools to prevent fittings locking up and rusting. When using augers, use rubber O-rilngs on male 5/8" thread to help take apart.

### ANCILLARY ITEMS:

Plastic End Caps, Liners, AMS Extensions, Cleaning Brushes, Flouropolymer Swatches, Stainless Cap Inserts

Discrete Liquid Sampler



### DISCRETE LIQUID SAMPLERS

Manual Controll Tank Sampler	Manual Dual Valve Sampler	Manual Control Drum Sampler
2200.10	2200.20	2200.00



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