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Part# 58990 - Aluminum Tank Sampling Kit



Easily collect sludge samples from the bottom of petroleum tanks with this unique & user friendly sampling kit. Based on the popular design of the 'AMS Multi-Stage Sediment Sampling Kit', the components in this kit are similar, only they are made from lightweight aluminum. This proves to be crucial, as often times tanks can be 50ft.+ in height; therefore keeping your sampler and extension strand 'lightweight' is a necessity. Having a solid/rigid extension strand gives the operator the ability to push and twist the sampler deep into the sludge. Two separate core tips come with the kit. The AMS "valved core tip" has a built in 1-way valve which resembles a door hinge. As the sampler is pressed into the sludge, the 1-way valve opens and fills the sampler. When the sampler is pulled up from the sludge the valve closes and traps any sediment and liquid inside the sampler. The second tip, the (core catcher tip) uses a disposable plastic soil catcher that fits on the end of a 2" plastic liner. As the sampler is pushed into the sludge, the core catcher teeth open up and allowing the material to enter the sampler. As the sampler is raised, these teeth close and restrict the sample from falling back out. The specialized top cap of the sampler is also an important component of the kit. During deployment, the viton rubber flap cap opens and allows excess air and water to escape through the oversized vent holes of the sampler top cap – eliminating pressure buildup. When the sampler is lifted the flap closes over these vent holes and creates suction to assist in retaining the sample. There are qty: four 12" long sampler body sections in the kit. Meaning, if necessary, a 4ft. long sampler can be assembled. Extra 12" body sections may be purchased to create a longer sampler. Qty: three, 4ft. long 'square' extension rods are included with the kit. Extra extensions may be added to accomplish deeper depths.

Aluminum Tank Sampler

part #	item description	qnty	weight
58990	Aluminum Tank Sampling Kit	1	45
58989	12" Aluminum MS Sludge SCS Base	1	1.4 lb.
58890	12" Aluminum MS Section	3	1.4 lb. ea.
58988	Aluminum MS Sludge Core Tip	1	0.35 lb.
58991	Aluminum MS Sludge Core Tip w/Valve	1	0.25 lb.
58987	Aluminum MS Flap Check Valve Cap	1	0.50 lb.
58981	Aluminum Square Extension 4'	3	2.3 lb. ea.
58982	Aluminum MS Cross Handle	1	0.75 lb.
421.29	Universal Slip Wrench	1	1.4 lb.
430.07	2" x 12" Nylon Brush	1	0.15 lb.
430.01	AMS Deluxe Carrying Case 1750 Black	1	28 lb.
404.91	MS 2" Plastic Core Catcher	1	0.15 lb.
405.10	2" X 12" Plastic Liner	1	0.15 lb.
418.10	2" Plastic End Cap	2	0.05 lb.

Includes: 12" base section, three 12" body sections, vented top cap, three 4' square extensions, valved core tip, core catcher core tip, plastic liner, plastic end caps, 2" soil core catcher, universal slip wrench, cross handle, and the AMS deluxe carrying case.

Benefits:

- Lightweight
- Sturdy Aluminum Construction
- Square Quick Connect Fittings
- Easy to use
- Spark Resistant

Sampling Equipment

PowerProbe

Well Management

Pest Control

PowerCore