



FUEL TANK SAMPLING

TS-SS & Fluid Sampling Pump

AXI Tank Samplers are stainless steel, industrial strength devices that are designed to remove liquid samples from storage tanks. The small overall diameter of the AXI Tank Sampler permits insertion of the Tank Sampler into a storage tank through a port as small as 1.5" in diameter. (See reverse for instructions)



TS-SS SPECIFICATIONS:

	TS4-SS	TS8-SS	TS16-SS
Sample Size	4 oz. (120 ml)	8 oz. (240 ml)	16 oz. (480 ml)
Construction	304 Stainless Steel Viton "O" Ring	304 Stainless Steel Viton "O" Ring	304 Stainless Steel Viton "O" Ring
Outside Diameter	1.375" (3.5 cm)	1.375" (3.5 cm)	2.0" (5.1 cm)
Length	10.375" (26.3 cm)	17.375" (44 cm)	14.5" (36.8 cm)
Weight	1.6 lbs (.8 kg)	2.5 lbs (1.1 kg)	3.3 lbs (1.5 kg)

TS-SS FEATURES:

- 304 Stainless Steel throughout
- Plunger is top-vented to rapidly scavenge the fuel sample
- Tank bottom samples are taken from the bottom 1/8" of the tank due to the unique design of the Tank Sampler
- Replaceable Viton "O" ring

Fluid Sampling Pumps obtain fluid samples from hard to reach spots with flexible, durable 1/4" tubing. Fluids can be drawn through the tubing directly into a sampling bottle without the worry of cross contamination, since the fluid never comes into contact with the pump. Suitable for fuels, oil, hydraulic fluids, coolant, water and other fluids.



FLUID SAMPLING PUMP PARTS:

FS100	Fuel Sample Pump
FS110	4 oz. (120 ml) plastic bottles
FS116	16 oz. (480 ml) plastic bottles
FS120	.25" (6.35 mm) diameter suction tubing in 100 ft. (30.48 m) length



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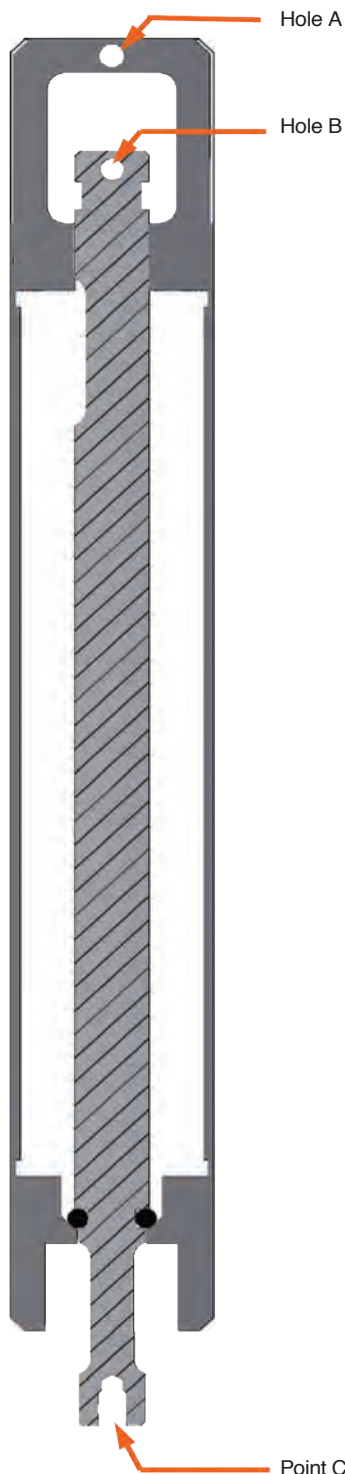
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TS-SS Sampling Instructions



● BOTTOM OF THE TANK:

Attach a light-gauge chain or wire cable to Hole "A" on the AXI Tank Sampler. Lower the tank sampler on the chain or cable, until it contacts the bottom of the tank. This will open the plunger, allowing the liquid sample to be received. Remove the tank sampler by lifting the chain or wire connected to Hole "A." The tank sampler now contains the sample.

Note: Hole "A" is threaded with 8-32 threads so that a shoulder bolt can be used as an attachment fitting if desired.

● A PARTICULAR DEPTH LEVEL IN THE TANK:

Attach light-gauge chains or wire cables to both Hole "A" and Hole "B." Lower the tank sampler into the tank by the chain or cable attached to Hole "A." At the desired depth, pull the chain or cable that is attached to Hole "B" just enough to lift the plunger and receive the sample. Release the tension on the chain or cable attached to Hole "B" and withdraw the tank sampler by the chain or cable attached to Hole "A."

Note: Holes "A" and "B" are both threaded with 8-32 threads so that shoulder bolts can be used as attachment fittings if desired.

● ALTERNATE SAMPLING METHOD FOR MORE PRECISE AND ACCURATELY REPEATABLE SAMPLE:

Point "C" is threaded with 10-24 threads. Using a thread rod of the desired length (obtained locally), thread the thread rod into Hole "C." Described as in the bottom sample method above, the plunger will open when the thread rod contacts the bottom of the tank.



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