



Stainless Steel Bomb Sampler

INTRODUCTION

Thank you for choosing AMS, Inc.

APPLICATION

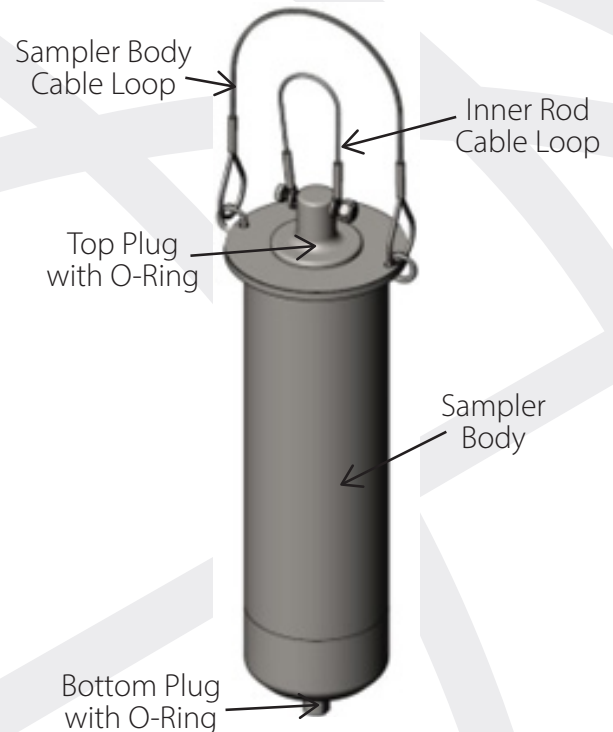
- The Bomb Sampler is used to obtain liquid samples from tanks, tank cars, ponds, lagoons, and wells.
- Can be used for bottom or discrete liquid sampling.

BEFORE SAMPLING

- Check Bomb Sampler parts for damage. Replace parts if necessary.
- Ensure O-ring seals are contacting machined surfaces correctly. Adjust the seal fittings and lock into place with set screw, if necessary.

BOTTOM SAMPLING PROCEDURE

- Connect stainless steel cable or nylon rope to sampler body cable loop.
- Put water indicating paste on the longest tip extension (included in kit) or on tank level ruler and lower to bottom of tank.
- Retrieve Bomb Sampler with extension or the tank ruler and measure how deep the sludge layer is on bottom of tank. Note: bottom of tank sampling only requires cable connection to sampler body cable loop. Shouldn't need to connect to inner shaft with the top and bottom plugs.
- Use the appropriate extension length to sample the liquid right above the sludge layer. There should be a 3in, 6in, or 12in extension included in the kit. A person can use no extension if the sludge layer is thin or discrete sampling at a certain depth.
- Lower the Bomb Sampler to the bottom of the tank. The extension or tip should push the spring up and disengage the seals once the extension or tip hits the bottom of tank. Use the weight of sampler body to hold the top and bottom plugs open.
- Hold the sampler for at least 10 seconds with top and bottom plugs open. This will allow the liquid to fill the sampler.
- Pull up and retrieve the Bomb Sampler. The spring should engage the seal and close the top and bottom plugs, once lifted from the bottom.
- Empty sampler into proper container by pushing the tip or tip extension upward. This should release the liquid sample.



DISCRETE SAMPLING

- Determine desired depth of discrete sample to be taken. Note: Discrete sampling shouldn't require a tip extension.
- Connect stainless steel cable or nylon rope to sampler body cable loop and inner rod cable loop. The cable loops should be connected to separate cables.
- Lower Bomb Sampler to desired depth using the sampler body cable.
- Hold the inner rod cable and let go of the sampler body cable. This action should pull the inner rod up and the sampler body to go down to open the top and bottom plugs. Note: Do not let go of both cables at the same time.
- Hold the inner rod cable for at least 10 seconds with the top and bottom plugs open. This will allow the liquid to fill the sampler.
- Pull up and retrieve the Bomb Sampler. The spring should engage the seal and close the top and bottom plugs, once lifted from the bottom.
- Empty sampler into proper container by pushing the tip or tip extension upward. This should release the liquid sample.

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SKU: 54068

KIT INCLUDES

- #54061 - (1) Stainless Steel Bomb Sampler
- #445.00 - (2) 1/4" X 100' Nylon Rope
- #430.26 - (1) Small Aluminum Carrying Case



SKU: 54061

ACCESSORIES

- #445.00 - (2) 1/4" X 100' Nylon Rope

SPECIFICATIONS

- Sampler Material: stainless steel
- Sampler Capacity: 21 oz (628 mL)

MORE QUESTIONS? CONTACT US!



www.ams-samplers.com



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