

# Fluid Sampling Equipment

## FS-100 / FS-200

### Sample Thief (Bacon Bomb)

The Bacon Bomb is an industrial strength device designed to take fuel samples from the bottom of storage tanks. When the thief strikes the bottom of the tank, a plunger assembly opens to admit the sample. The plunger closes again when the sampler is withdrawn, forming a tight seal. Samples can be taken at any depth with the use of a secondary trip line. The thief is equipped with a plunger locking cam for tight closure during transport.



FS 2.. Sample Thief (Bacon Bomb)	Model #
16oz (473ml) Plated Brass, 2 3/4" OD, 12 1/32" L, 9 lbs	FS 220
16oz (473ml) Stainless Steel, 2 3/4" OD, 12 1/32" L, 8 lbs	FS 225
8oz (237ml) Plated Brass, 2 5/16" OD, 10 5/32" L, 5 lbs	FS 210
8oz (237ml) Stainless Steel, 2 5/16" OD, 10 5/32" L, 5 lbs	FS 215
4oz (120ml) Plated Brass, 1 7/8" OD, 9 11/16" L, 4 lbs	FS 200
4oz (120ml) Stainless Steel, 1 7/8" OD, 9 11/16" L, 4 lbs	FS 205

Seals for FS 2.. series are Viton O-Rings.

Other models, sizes and materials are available upon request.

**We invite your inquires.**

### Fluid Sampling Pump

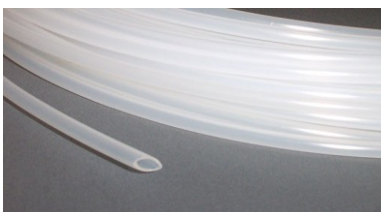
Obtains fluid samples from hard to reach spots with flexible 1/4" tubing and the FS 100 Fluid Sampling pump. The durability, simplicity, versatility and operating ease bring a new level of performance to fluid sampling.

**No cross contamination** – Fluids can be drawn through tubing (FS 120) directly into sampling bottle (FS 110) without coming into contact with the pump. The pump will stay completely clean. The FS system can be used for fuels, oil, hydraulic fluids, coolant, water, etc.



FS 100 Fluid Sampling Pump	Model #
<b>Small, hand operated, easy to use vacuum pump.</b> To be used with FS 120 tubing and FS 100 sampling bottles Length: 8 1/2" (215mm), Weight: 7oz (200g)	FS 100

FS 110 Sampling bottles	Model #
<b>Sampling bottles</b> 4oz (120ml) bottles with 38mm thread	FS 110



FS 120 Tubing	Model #
<b>Tubing</b> 1/4" clear suction tubing, 100ft long	FS 120

**ALGAE-X® Total Fuel Management Systems**

## Laboratory Fuel Testing



**Algae-X works closely with well known and established research labs for water, fuels and oil.**

Depending on your application and type of contamination in long term fuel storage, lube oil filtration, hydraulic fluids and symptoms such as: high engine wear, injection system failures, filter plugging, smoke, carbon and soot deposits, we will analyze the situation, recommend the test protocol. We will work with you to develop a remediation and treatment procedure to insure the integrity of your fuel and oil.

**Please contact us for information, design and engineering of fluid management systems.**

## Liqui-Cult Fuel Test Kit

**Liqui-Cult Fuel Test kits** are an excellent tool to **monitor microbial activity**. Liqui-Cult easily demonstrates and quantifies bacterial and fungal growth in fuels and other fluids. Just inject a small amount of the fuel you are testing with a syringe into the test bottle, shake well and compare color of fluid to a chart after a certain amount of time.

**Liqui-Cult Fuel Test kit** comes complete with **10 sealed test bottles, 10 sterile packed syringes and instructions.**



### Liqui-Cult Fuel Test Kit

**Model #**

#### Fuel Test Kit to quantify bacterial and fungal growth

10 sealed test bottles, 10 sterile packed syringes, instructions  
 Box: 9" (230mm) x 6" (155mm) x 3.5" (90mm) / 2 lbs (1 kg)

Liqui-Cult Kit

**Single test bottle** with syringe and instructions

Liqui-Cult  
 1 bottle



After 30 hours the color determines bacterial growth

After 72 hours the color determines fungal growth



## Kolor Kut Water Finding Paste

**Kolor Kut Water Finding Paste** offers a **simple way to check for the presence of water** in petroleum fluids such as: (gasoline, kerosene, diesel, heavy fuel oil, by "sticking" the tank with e.g. a measuring stick, rod or bar with the paste applied to it.

The **color of the paste changes instantly upon contact with water.**



### Kolor Kut Water Finding Paste

**Model #**

Paste to detect water in petroleum fluids  
 3 oz (85g) Tube

Kolor Kut

## ALGAE-X<sup>®</sup> Total Fuel Management Systems