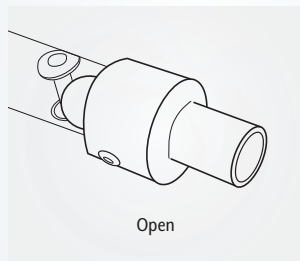
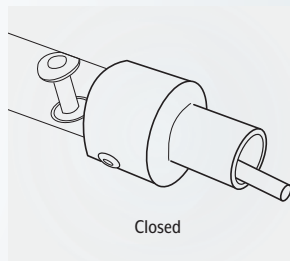


NASCO SLUDGE JUDGE®



Open



Closed

THE SLUDGE JUDGE®

- Designed to take accurate readings of **settleeable solids of 5% or less** in a variety of liquids to any depth
- Ideal for anywhere that accurate sample levels of settleable solids in noncaustic materials are needed
- Comes in three 5-ft. (1.53 m) sections with screw-type connectors
- Top section includes a nylon rope for raising and lowering the sampler
- Individual sections can be combined as required
- 1-ft. (.31 m) markers on the tubing help identify the amount of sludge in the tank
- Float valve for easy sample collection and release
- Not autoclavable
- **Do not use to sample ethanol or ethanol-blended motor fuel (see Nasco Fuel Sampler [B01477WA] pg. 33)**
- 1-year warranty
- Holds approximately 3 oz. per foot (89 ml per 0.31 m)
- 1" (2.54 cm) outside diameter clear plastic butyrate tubing
- Do not use in liquids over 165° F (74° C)
- Includes top section, extension section and bottom section

C09247WA 15-ft. (4.60 m) Sludge Judge Complete Unit.

The Sludge Judge® Replacement Parts

C09252WA 5-ft. (1.53 m) Top Section with Rope.

C09251WA 5-ft. (1.53 m) Extension Section.

C09250WA 5-ft. (1.53 m) Bottom Section with Valve.

C14516WA Optional 2½-ft. (0.80 m) Top Section with Rope.



THE SLUDGE JUDGE® ULTRA — SUPER STRONG

- For maximum strength and rigidity
- Constructed of extremely strong polycarbonate
- Treated with an ultraviolet stabilizer to help reduce deterioration from the sun's harmful rays
- Rigid materials minimize bending of the unit when full of water or other liquids
- Durable in cold temperatures; can withstand heat up to 280° F (138° C) with careful handling
- 1" (2.54 cm) outside diameter tubing is marked with blue tape to designate the 1-ft. measurements
- Float valve for easy sample collection and release

B01386WA Sludge Judge® Ultra Complete Unit.

B01387WA 5-ft. (1.53 m) Top Section with Rope.

B01388WA 5-ft. (1.53 m) Extension Section.

B01389WA 5-ft. (1.53 m) Bottom Section with Valve.



THE SLUDGE JUDGE® II – LARGE CAPACITY

- 1¼" (3.18 cm) outside diameter clear plastic butyrate tubing is very rigid when assembled
- Holds 6 oz. per foot (178 ml per .31 m)
- Float valve for easy sample collection and release
- Do not use in liquids over 165° F (74° C)

B01355WA Sludge Judge® II Complete Unit.
B01358WA 5-ft. (1.53 m) Top Section with Rope.
B01357WA 5-ft. (1.53 m) Extension Section.
B01356WA 5-ft. (1.53 m) Bottom Section with Valve.



A. CARRY BAG FOR SAMPLER
 Holds four 5-ft. (1.52 m) sections of any Sludge Judge® product. Made of cotton canvas.

C09249WA

B. CLEANING BRUSHES
 The cleaning brush used with a mild detergent and warm water will keep the unit clear so accurate sludge readings can be taken. It is made of galvanized steel wire and polyester bristles. Disassemble the unit and clean each section separately.

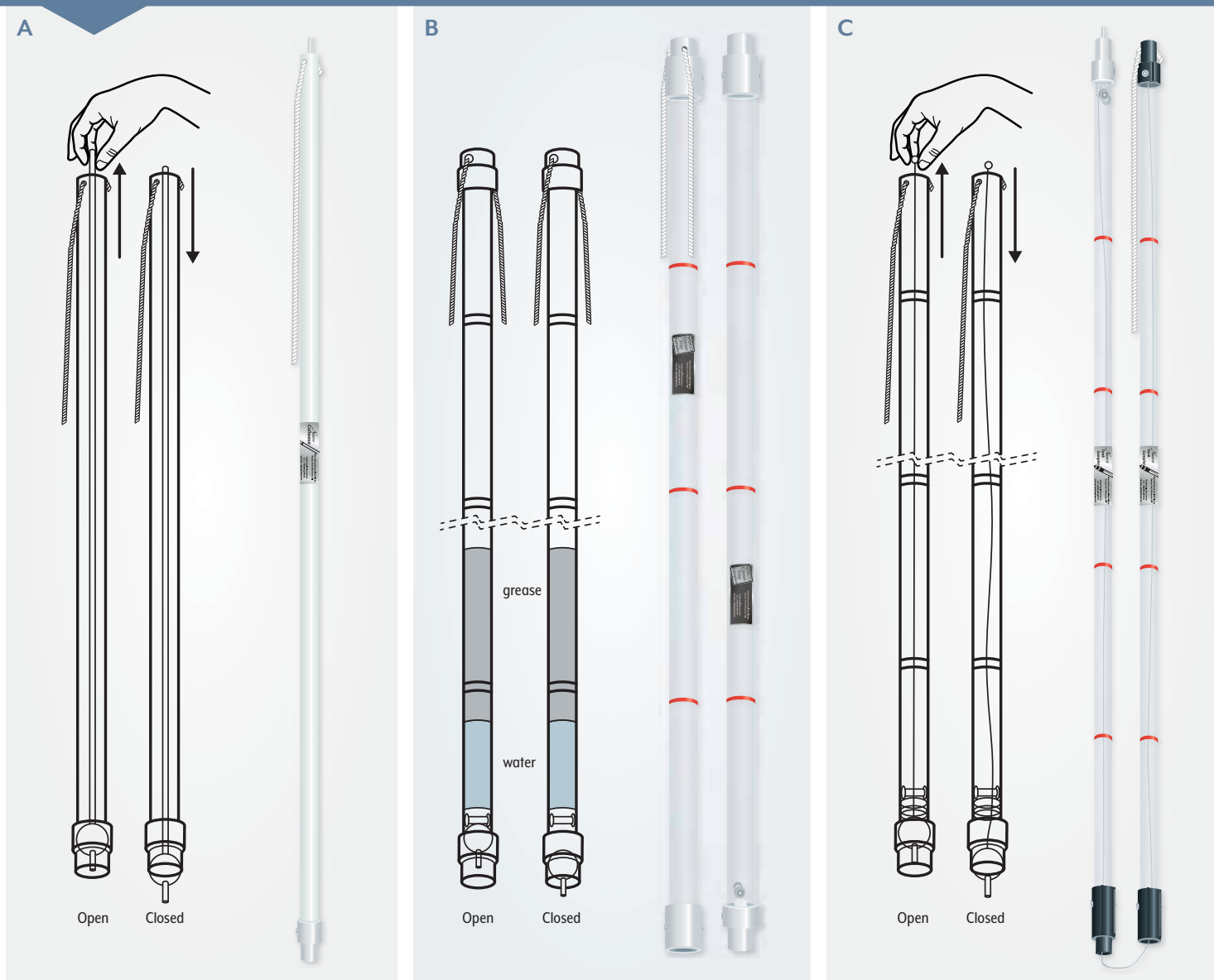
Cleaning Brush for Use for Sludge Judge® and Sludge Judge® Ultra. 6 ft. (1.83 m) L. 1" (2.54 cm) dia. bristle.

B01291WA

Cleaning Brush for The Sludge Judge® II. 6 ft. (1.83 m) L. 1½" (3.81 cm) dia. bristle.

B01361WA

NASCO COLLECTION TOOLS



A. NASCO COLIWASA-COMPOSITE LIQUID WASTE SAMPLER

Nasco's COLIWASA permits representative sampling of multiphase wastes for a wide range of viscosity, corrosivity, volatility, and solids content. The unit can be used to sample most containerized liquid wastes, except those containing ketones, nitrobenzene, dimethylformamide, mesityl oxide, and tetrahydrofuran. Its simple design is easy to use, and allows the rapid collection of samples, minimizing the exposure of the sample collector to potential hazards from the wastes. Manufactured of high-density polyethylene (HDPE) and designed to EPA standards, the COLIWASA consists of a 5 ft. x $\frac{3}{4}$ " (1.53 m x 1.9 cm) ID tube and closing valve. Sampler holds approximately 3 oz. per foot (89 ml per .31 m). Not autoclavable.

B01098WA

B. NASCO GREASE TRAP SAMPLER

For measuring the grease level in a holding tank, the grease trap sampler is designed for sampling liquid grease and oils. Does not work with solid or semi-hardened materials. The inside diameter measures $1\frac{3}{8}$ " (3.5 cm) allowing small food particles to easily pass through the valve opening during sample collection. The clear tubing is easy to see through and the 1 ft. (0.31 m) red markers show the amount of grease accumulated in the tank. To use, slowly lower the sampler to the bottom of the tank; the valve opens and the liquid fills the tube. Lift the sampler up which closes the valve, holding the sample inside, showing the grease level. To empty, touch the plastic tip on a hard surface, and the liquid will flow out. The unit is made of two 4-ft. (1.22 m) sections that screw together. An extension is available to make the unit longer.

B01322WA Nasco Grease Trap Sampler Complete Unit.

B01479WA Top Section Only.

B01349WA 4-ft. (1.22 m) Extension Section.

B01480WA Bottom Section Only.

C. NASCO TANK SAMPLER — SPECIFIC DEPTH SAMPLING

Taking a sample at a specific depth is easy with Nasco's Tank Sampler. Available as a 10-ft. (3.05 m) unit, it is made up of two 5-ft. (1.53 m) sections that screw together. An extension section is available to make the unit longer. The sampler is made of a tough, $\frac{3}{4}$ " (1.9 cm) diameter, special plastic pipe. Sampler holds approximately 3 oz. per foot (89 ml per 30.50 cm). Made of butyrate. Cannot be used to sample ethanol or acetone.

B01096WA

Extension Section. 5-ft. (1.53 m) extension for the Tank Sampler. Comes with a length of stainless steel wire. To extend the unit, remove rope, untie the original wires, add the new wire between the two, and slide the wire through all the sections. NOTE: Because of flexibility of the plastic, longer units are subject to more bending when filled with liquid.

B01097WA

D



E



D. NASCO FUEL SAMPLER

For sampling ethanol and ethanol-blended motor fuels, the Nasco Fuel Sampler is efficient and easy to use. It is made up of three 5-ft. (1.53 m) sections of clear PVC that screw together to make a 15-ft. (4.60 m) length. As the sampler is lowered into the fuel tank, the float valve at the bottom opens, allowing the fuel up into the tube. When the bottom of the tank is reached, simply raise the sampler up to close the valve and hold the sample inside, showing a core section of the fuel. To empty, press the tip of the valve against the side of the tank and the contents will flow out. Clean the sampler with mild soapy water using the Nasco Cleaning Brush (B01291WA).

B01477WA

E. NASCO 6 FOOT FUEL SAMPLER WITH END CAP

Ideal for taking fuel samples from 38"–64" dia. tanks. The sampler is made of one 6-ft. (1.83 m) piece of clear PVC with an end cap. This sampler is the perfect size for tank sampling, and the end cap allows for either a core sample or bottom sample. Insert the sampler to the bottom of the tank, add the cap, and pull a core sample; or add the cap first, then insert and remove cap for a bottom sample.

B01555WA

F

G



F. CARRY BAG FOR SAMPLER

Holds four 5-ft. (1.52 m) sections of any Nasco sampler product. Made of cotton canvas.

C09249WA

G. CLEANING BRUSHES

The cleaning brush used with a mild detergent and warm water will keep the unit clear so accurate readings can be taken. It is made of galvanized steel wire and polyester bristles. Disassemble the unit and clean each section separately.

6 ft. (1.83 m) L. 1" (2.54 cm) dia. bristle.

B01291WA

6 ft. (1.83 m) L. 1½" (3.81 cm) dia. bristle.

B01361WA