



WHIRL-PAK®

Filtration Group

INSTRUCTIONS FOR THE SLUDGE JUDGE® SERIES

TOP SECTION



Outside dimension of tubing is 3/4" (1.9 cm) pipe size for the original Sludge Judge® and the Sludge Judge® Ultra.

Outside dimension of tubing is 1 1/4" (3.2 cm) diameter for the Sludge Judge® II.

The top section has female threads on one end and a rope on the other. Available in 5 ft. (1.5 m) and 2 1/2 ft. (0.8 m) lengths*.

EXTENSION SECTION



The extension section has female threads on one end and male threads on the other.

BOTTOM SECTION



The bottom section has the ball check valve on one end and male threads on the other.

* 2 1/2 ft. (0.8 m) section available only with the original Sludge Judge®.

ASSEMBLY

Screw the three sections of pipe together until the connections are snug.

HOW TO USE

Lower the Sludge Judge® to the bottom of the tank from which you would like to take a sample. It should be lowered slowly and not plunged to the bottom. Plunging the unit will result in an inaccurate reading and possible damage to the bottom valve. PLEASE LOWER SLOWLY.

SPECIAL NOTE: In order to get a consistent, accurate measurement of sludge levels, it is important that the top of the Sludge Judge® not be submersed below the water. Submersing the unit completely into the water affects the amount of sludge blanket rising into the sampler from the bottom. The deeper the unit is submersed below the water, the more effect there is on the sludge reading.

When the bottom of the tank has been reached or the pipe has filled to the desired level, tug slightly on the rope as you begin to raise the unit. This will seal the check valve, trapping the column of sludge and water in the Sludge Judge®.

CAUTION

When raising the unit up, keep it as vertical as possible. Do not allow the unit to bend or bounce while it is full of water. After looking at the sample using the 1 ft. (0.3 m) markers, empty the tube before further use.

To release the material, touch the pin extending from the bottom section against a hard surface. This opens the check valve and the sample will flow out.

PLEASE NOTE

When extending the unit longer than 15 ft. (4.6 m), a stiffener may be needed to reduce excessive bending. An aluminum channel, available from your local hardware store, or similar material can be secured to the unit for this purpose.

STORAGE

Please store this unit where it cannot be damaged, especially by foot traffic, doors, or machinery. Do not leave it exposed to the sun.

CLEANING

The unit may be cleaned with hot water and a mild soap or vinegar, and a 6-ft. (1.8 m) cleaning brush or rod and cloth strips. None of the Sludge Judge® samplers are autoclavable.

REPLACEMENT PARTS

A. THE SLUDGE JUDGE®

C09247 Sludge Judge Complete Unit

C09252 5-ft. (1.53 m) Top Section with Rope

C09251 5-ft. (1.53 m) Extension Section

C09250 5-ft. (1.53 m) Bottom Section with Valve

B. THE SLUDGE JUDGE® II — LARGE CAPACITY

B01355 Sludge Judge® II Complete Unit

B01358 5-ft. (1.53 m) Top Section with Rope

B01357 5-ft. (1.53 m) Extension Section

B01356 5-ft. (1.53 m) Bottom Section with Valve

C. THE SLUDGE JUDGE® ULTRA — SUPER STRONG

B01386 Sludge Judge® Ultra Complete Unit

B01387 5-ft. (1.53 m) Top Section with Rope

B01388 5-ft. (1.53 m) Extension Section

B01389 5-ft. (1.53 m) Bottom Section with Valve

ACCESSORIES

D. CARRY BAG FOR SAMPLER

Holds four 5-ft. (1.53 m) sections of any Sludge Judge® product. Made of cotton canvas.

C09249

E. CLEANING BRUSHES

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

B01291

Cleaning Brush for The Sludge Judge® II.

6 ft. (1.83 m) L. 1 1/2" (3.81 cm) dia. bristle.

B01361

