

## RAVEN ENVIRONMENTAL PRODUCTS

### 2-PIECE CORETAKER® MAX with Link Release MEGA valve B-40500-8 and B-40500-6



#### SEE "INSERTING UNIT INTO CASE" BELOW



**INSERT LOWER TUBE** – the Slip Lock coupler is pre-lubricated, however, you may need to lubricate the O-rings prior to inserting the lower tube into the coupler. Notice the notch in the lower tube. This notch will seat on a post inside the coupler so that the thumbscrew lines up with the hole in the bottom tube. Insert lower tube fully and rotate tube until seat is engaged on post. Tighten thumbscrew to secure the bottom tube to the coupler.

1. **OPEN VALVE** – raise the shepherd's hook out of the top of the clear tube and hang it on the rim of the clear tube.
2. **LOWER CORETAKER MAX** into the tank. Do not use CORETAKER MAX to break a hole in the top scum layer because the valve may become clogged. The unit should be lowered at a rate of about 1 foot per second. Lowering the unit too fast may distort the sample entering the CORETAKER MAX.
3. **CLOSE VALVE** – when the valve hits tank bottom, push the shepherd's hook back into the clear tube. This will automatically close the valve and trap the sample inside for viewing. In extra heavy solids, the operator can press down on the shepherd's hook to give the valve a better seat.
4. **RAISE CORETAKER MAX** – lift the unit out of the tank and view contents.
5. **PURGE CONTENTS** – stand back from the tank with the valve pointed in tank. Raise the shepherd's hook and release the sample back into the tank.
6. **CLEANING** – unlike other core samplers, MAX can be cleaned from the "clean" end. Hang the shepherd's hook on the rim of the tube and flush the interior with a sanitizing fluid. Because the valve remains open, the fluid flushes through the valve and into the tank.
7. **INSERTING UNIT INTO CASE** – Important: **Stagger the valve and the top tube so that they are not side by side entering the case.**



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