



CORETAKER®

B-10104



Thank you for purchasing a Raven Environmental Products process control instrument. Please contact our Customer Service Department at 800-545-6953 for any service needs.

The Raven CORETAKER® is a rugged core sampler designed to withstand the rigors of routine usage and **FLOAT** if dropped into basin. CORETAKER® is the new generation core sampler manufactured with quality in the USA.

Equipment and Innovative Features

- Exclusive UV stable foam lanyard floats the unit if accidentally dropped in water.
- Black UV stable plastic components withstand the solar rays.
- Slip-Lock Coupler will not break and has a unique quick assembly and disassembly design.
- Internal O-ring seals prevent leakage and “head drips”.
- Check valve has a positive hydro-lock seal to retain fluid sample.
- Yellow numbered markers on tubes indicate sample depth.
- Polycarbonate clear plastic tubes are durable and rigid.

Unit and Use

The Raven CORETAKER® can be assembled and disassembled quickly without tools.

Assembly

Unscrew the Coupler Thumbscrew and fully insert the Check Valve section tube into the coupler fitting. Rotate the tube in the Coupler until the notch in the tube seats in the Coupler stop. This aligns the tube in the Coupler, now thread the Thumbscrew through both pieces to lock them together.

Disassembly

Unscrew the Coupler Thumbscrew and separate the Check Valve section from the Coupler.

Operation and sample collection

Slowly lower the Check Valve end of the tube to the floor of the sedimentation basin. Quickly lift the sampler up seating the Check Valve and observe the solid/liquid interface level on the depth markers.

Drain sample from CORETAKER® by simply touching the valve stem against any hard surface to unseat the Check Valve and purge the sample from the unit.

Care and maintenance

The floating Check Valve is the workhorse of the CORETAKER®, debris or sludge may form deposits on the seat of the valve and affect the seal. If seal leakage occurs, quickly oscillate the fluid sample against the valve to clear the debris.

Other Raven Environmental Products process control instruments:

SID-10200	Hand-held Sludge Interface Detector with sludge probe
F-10300	Laboratory Centrifuge with six (19mm) Sample Tubes
B-10101-19	Centrifuge Tubes (19mm)
B-10101-17	Centrifuge Tubes (17mm)
C-10102	Settlemeter kit (Measures sludge settling characteristics)

Visit our web site at www.ravenep.com for a complete line of products and information.

Call or Fax your order to:

Raven Environmental Products, Inc.
333 Leffingwell Ave. Suite 117
St. Louis, MO 63122 U.S.A.
Phone: 800-545-6953 / (314) 822-1197
Fax: (314) 822-9968

