

3" VibeCore-D

Now Available
VibeCore-D4
4" Core Diameter
Capability

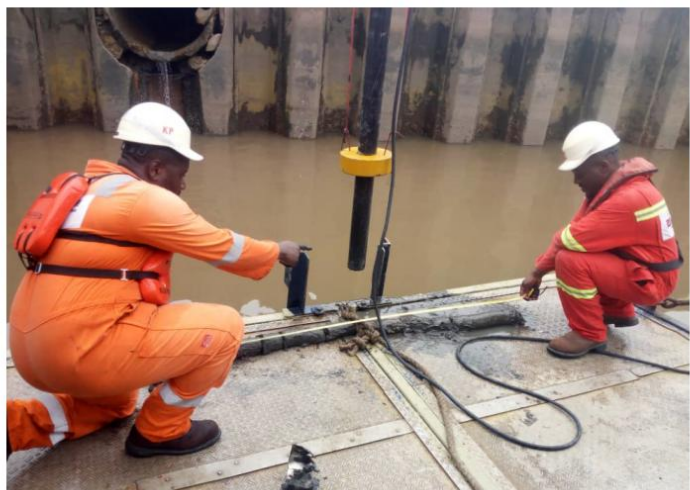


Core Sampling from a small survey boat

- High frequency vibration acquires near undisturbed cores
- Accurate recovery of sample versus depth
- Thin core tube wall and high frequency operation means near zero "core compression"
- Options for up to 30 foot long core samples from up to 200 foot water depths.
- Aluminum, Stainless or plastic 2" or 3" core tubes for trace metals and pesticides.
- Designed for small boat operation. Powered by two 12 volt batteries.
- Core Keepers in Stainless Steel or Aluminum available for very soft or coarse sand sediments.
- Out-performs piston and gravity corers, equal or better the performance of heavier vibracores



Core Sampling in the
Cameroonian Wouri river



Core Sampling in a river

- Integral "floating" top vent and seal helps collect very soft sediment samples
- Unique, power saving "Energy Storage" weight ring design increases effectiveness
- Quick-change and long-life core tube mount makes core tube mounting a simple operation.
- "Float and Weight" VibeCore Guide available for deep water or higher current sites
- Simple, safe low-voltage car battery power, no generator or compressor needed on a small boat.
- Install core catchers as needed. No Core Liner required.

3" VibeCore-D

Feature	VibeCore-D
Input Voltage	22-28 VDC
Normal Active Time per core sample	30 sec. to 1 minute
Active time per 80 AH Battery	120 minutes
Estimated Cores per battery Charge	> 75 cores
Operating Frequency	6,000 to 7,000 cpm
Working Water Depth (ft.)	100 ft. (220 ft. optional)
Core Head Dimensions (in.)	10¼ Long x 14 Wide x 23 High
Core Tube Materials	Aluminum, PVC, Acrylic, Polycarbonate, Stainless Steel
Core Tube Diameter	2", 3" or optional 4"
Core tube wall	0.050" (typical)
Air Weight (core head)	77 lbs.
In-Water Weight Core Head	46 lbs.
Shipping Weight	120 lbs.
Add on weights	Up to 2 at 20 lbs.
Operating Temperature	2 to 45 C
Storage Temperature	-20 to 60 C
Supplies available from SDI include ;	Keepers, graduated core pushers, core cutters, core splitters, core caps, tube adapters, sample jars and containers, sampling tools

Core Sampling Made Easy



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Made in USA