

UNDISTURBED SEDIMENT CORE SAMPLING

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12.42 Multisampler, rod operated, set for sampling to a depth of 5 m

The multisampler has been developed originally for sampling of wet, solid as well as fluid material.

The standard set is suitable for sampling up to a depth of 5 meter. The materials used for the multisampler are stainless steel, NBR- rubber (the piston) and transparent acrylic plastic (sampling tube).

The standard set (with bayonet connection), among other items, contains: a multisampler, inclusive of two cutting heads (one for fluid- and one for solid material), sampling tubes, pistons, extension rods, a top-piece and various accessories. The complete set can be transported in a carrying bag with shoulder strap.

Using the multisampler it is possible to take anaerobe samples in a wide variety of wet materials, solid as well as fluid. Using the piston rod (usually extended by means of a wire-line)

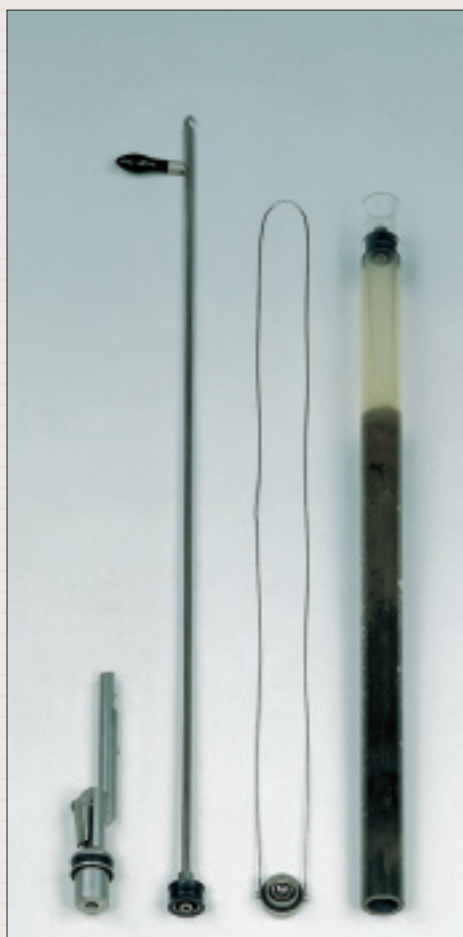
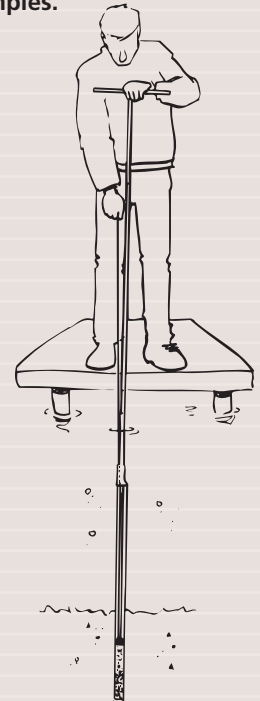
it is possible to move the piston in the sampling tube while this tube is held stationary. In this way the original stratification of the sampled material is maintained.

Advantages

- Quick and simple sampling.
- Minimal compaction which makes it possible to maintain the original thickness- and stratification of the layers.
- The transparent sampling tube allows for immediate visual checking of the sample.
- The option of sampling at accurate depth (without mixing with higher situated strata).
- Accurate mix-sampling during one procedure.
- The sampling tube can be changed and/or decontaminated quickly.
- Sampling with a minimum of disturbance (with cutting ring) or with little agitation (using a ball valve).

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The multisampler is used to take sediment samples.



Multisampler, demounted

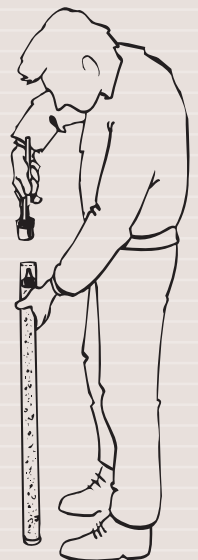


Multisampler, top-piece



Cutting heads

After demounting and fitting of a cap the sampling tube can be transported to the laboratory.



BENEFITS

12.42 Multisampler

- For sediment sampling with a small budget
- Professional tool with transparent tube
- Open cutting head for undisturbed samples
- Ball valve to sample sewers, bassins a.s.o.
- Piston assures perfect core sample length
- No hammering possible
- Loss of sample in watery or coarse sediments



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