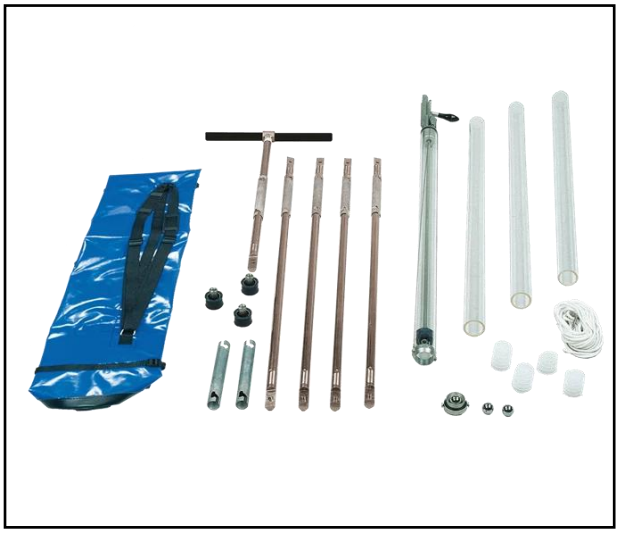
Multisampler



This Multisampler is used for undisturbed sediment core sampling in relatively soft sediment (with a cutting ring) and watery sediment (with ball valve).

This standard set is rod-operated and suitable for application in water up to a depth of 5 metres. It is possible to quickly and easily sample at an accurate depth (without mixing with higher layers). The samples are taken in a transparent tube, which allows you to immediately visually check the sample and make a clear profile description.

Key Features

- Undisturbed, anaerobe, liquid layer, sludge and sediment sampling
- Up to a depth of 5 meters
- Quick and simple sampling
- Accurate mix-sampling during one procedure
- The option of sampling at accurate depth
- The sampling tube can be changed and/or decontaminated quickly
- Onsite profile view of sample
- Suitable for soft soils/sediment; it's not suitable for hammering.

- Environmental soil research
- Undisturbed sampling
- Sewage water research
- Liquid layer sampling
- Sludge sampling
- Sediment sampling

Set contains

- Two cutting heads (one for fluids & one for solids)
- Sampling tubes
- Pistons
- Extension rods
- Various accessories
- Carrying bag with shoulder strap

Specification	
Connection	Bayonet
Sampling diameter	40 mm, if ball valve 20 mm
Maximum sample depth	5 m
Product material	Stainless steel
Sampler position	Vertical
Sample length	1 m
Sample specification	Undisturbed

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Specification	
Sample stored in	Transparent Acrylic tube
Tube diameter	ø 50 x 5 mm
Sample volume	1.14 l
Package size	150 x 22 x 25 cm
Weight	15.5 kg

Method

Attach the extension rods to the reach the required depth; once you reach sample depth the Multisampler is pushed into the sediment. To prevent compaction of the sediment layers, the piston is kept in a stationary position in relation to the level of the sediment.

The sampler is pushed until the full sample is collected, then it's extracted from the water. The piston is operated directly with a rod and pushes the sample out of the sampler into the sampling trough on site.

The sampling tube is then quickly disinfected or changed, making it even easier to take samples and reduces cross-contamination risk between samples.