BSL Sediment Sampler – Shipek Grab

General Specifications



- Ideal for deep lakes and marine coastal surveys
- Biological, chemical and geotechnical surveys
- 0.05m^2 Sample Area
- Stainless Steel Bucket Construction
- Excellent for mixed and coarser sediments
- Lightweight for small vessel operations

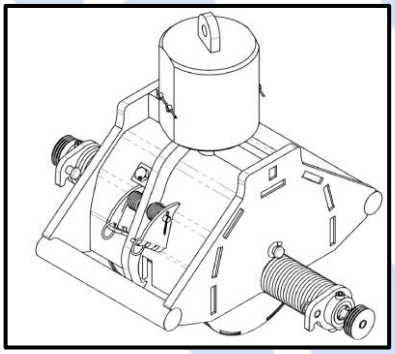
Services

The Shipek Grab is designed to sample all types of unconsolidated sediments, from soft ooze to small pebbles, which can be collected from near-offshore and deep lakes. The robust centre-pivot sampler can recover virtually undisturbed and unwashed material to the surface from any depth.

The main use for the Shipek Grab is for sampling benthic organisms living at or immediately below the seabed. Its fast sampling mechanism triggered on contact with the seabed allows for some non-sessile marine species also to be recovered.

As the Shipek Grab comes into contact with the seafloor, the trigger weight releases the helical springs causing the sediment bucket to rotate by 180°, scooping up the sediment sample. Once the bucket has rotated, it remains closed by the residual torque of the same helical springs, thereby protecting the sediment sample. The rotation of the bucket is quick and penetrates the sediment cleanly, particularly if sampling clays, muds, silts or sands.

Once the Shipek Grab has closed, the sample is completely enclosed. This prevents washout during retrieval to the surface. Samples can be retrieved even if obstructions prevent the bucket from closing properly. Once recovered to deck, the bucket is simply removed by operating two retaining knobs. The sample is then processed as required.





The Shipek can be used in different sediment types including clays, sands and mixed gravels

Specifics

Item	Value
Shipping weight	100KG
Deployment weight	75KG
Shipping dimensions (L,W,H)	1200 x 1000 x 500mm
Sample area	0.05m^2

Benthic Solutions Limited, Unit A Greengates Way, Hoveton, Norwich, NR12 8ED, UK

☎ +44 (0) 1603 784726 ✉ enquiries@benthicsolutions.com 🌐 www.benthicsolutions.com