BSL Sediment Sampler – Box Core (GOMEX / Grey-O'Hara)

General Specifications

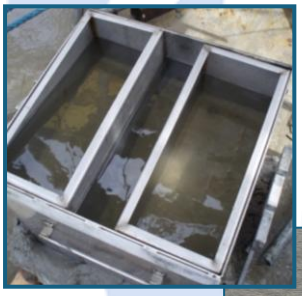


- 0.25m2 and 0.5m2 Sample Areas Available
- Operations down to 6000m
- Constructed for minimum disturbance
- Stainless steel box, for reduced contamination
- Variable weight to aid penetration
- Used for detailed environmental, geochemical and surface sedimentological studies
- Can be fitted with remote recording HD video cameras and water sampling devices

Services

Benthic Solution modified the Grey-O'Hara box corer (sometimes called the GOMEX corer due to its historical use in the Gulf of Mexico). The sampler is entirely constructed in stainless steel with a large 0.25m^2 or 0.5m^2 sampling area. A smaller design, this box corer can be used from smaller vessels or where space is limited and is suitable for soft deep-water sediments only. This sampler can be deployed using BSL's containerised LARS system.

The recovered sample is completely enclosed after sampling, reducing the loss of finer materials during recovery. Stainless steel doors, kept open during the deployment to reduce any "bow-wave effect" during sampling, are triggered on sampling and remain tightly closed, sealing the sampled water from that of the water column.







On recovery, the sample can be processed directly through the large access doors. The sampler will be supplied with 0.1m^2 templates for macrofaunal sub-sampling if required (pictured left).

Specifics

Item	Value
Shipping weight	460KG (0.25m^2), 780KG (0.5m^2)
Shipping dimensions (L,W,H)	710 x x810 x 1620mm (0.25m^2), 1230 x 1190 x 1690mm(0.5m^2)
Deck lift clearance	2500mm (0.25m^2), 3000mm (0.5m^2)

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