



OSIL
Environmental Instruments
and Systems

Smith McIntyre Grab

A RELIABLE GRAB FOR REPRESENTATIVE SEDIMENT SAMPLING

Grabs are a simple and reliable means for collecting relatively undisturbed sediment samples. With a sampling area of 0.1m² these devices provide an accurate representation of the top sediment layers from the sea floor, lakes and rivers.

This larger grab is mounted on a stainless steel frame suspended from a pair of lowering cables attached to the bucket arms.

When the buckets come into contact with the sea floor the bucket jaws are forced into the sediment by a spring activated trigger mechanism. The design of this mechanism prevents the tripping mechanism from being triggered prematurely.

Screens have also been fitted to the tops of the buckets, along with silicone flaps, to prevent sediment from being washed out during retrieval.



FEATURES

- Sampling area of 0.1m²
- Weight in air 107kg
- Deck space 900mm x 900mm
- Operational height 1.3m
- Manufactured in 316 Stainless steel

APPLICATIONS

- Chemical analyses
- Biological studies
- Hydrological surveys
- Environmental monitoring

FOR FURTHER INFORMATION PLEASE CONTACT:

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