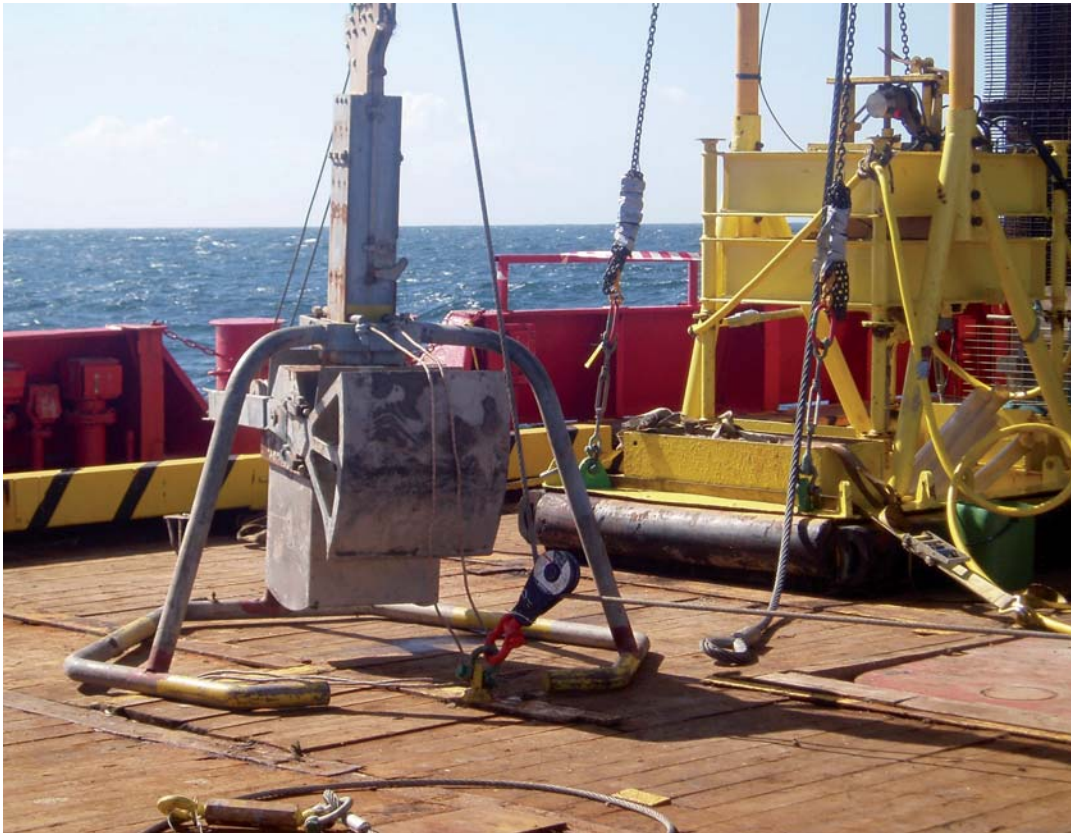


Box Corer



Geotechnical Box Corer - BC-1

Box corers are a large volume, mechanical coring device that operates to obtain high quality, undisturbed “block” samples. These samples are retained within stainless steel boxes of a variety of sizes, and are retained by a scissor blade which closes the base of the box after penetration is completed.

Upon recovery the sample box may be removed and the spare installed to allow sample processing to continue without delaying ongoing deployment / recovery activities.

Geotechnical Box Corer - BC-1

The Geotechnical Box corer is of the USNEL type, with a single scissor blade, and on bottom triggered penetration system. The depth of penetration into seabed is to a maximum of 0.50m, with a sample surface area of 0.25m² (0.50m x 0.50m).

System is supplied with multiple boxes for continuous operation and processing.

The sample can be accessed from the top for undisturbed sub-sampling and “in-situ” testing, as well as from the side for detailed geological logging.

Special Features

- Multiple 0.50 x 0.50 x 0.60m boxes for continuous operation
- On bottom triggered penetration for reduced disturbance and surface sediment wash off effects
- Sub-sampling tubes
- Adaptation for use of mini T-Bar CPT within box samples.



Geochemical and Environmental Box Corer - BC-2

The Geochemical Box corer is of the OSIL type, with a double scissor blade. This unit is smaller than the Geotechnical Box Corer, with a depth of penetration of 0.50m, but a sample surface area of 0.1m² (0.20 x 0.20m)

The system is more readily deployed from smaller vessel's due to it's far smaller overall size and weight.

The sample is accessed from the top, or through the side via small windows for sub sampling and stratigraphic logging.



Geochemical and Environmental Box Corer - BC-2

The specification of the equipment in this data sheet may be subject to modifications without prior notice

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