

# MULTIPLE CORERS



OSIL



## The only corer to collect a truly undisturbed sample

The OSIL range of multiple corers are simple, reliable corers for collecting multiple samples of virtually undisturbed sediment, including the sediment/water interface, and overlying supernatant water. A range of models is available to sample up to 12 cores in a single deployment.

- Widely used for soft sediment sampling in chemical, geochemical and biological applications.
- Unique hydrostatic damping system slows the penetration rate to approx. 1 cm/s, eliminating the typical bow wave.
- Undisturbed sediment sample with overlying supernatant water provides a unique insight into the sediment water interface.
- Corer deployment rates: descent - approx. 1 m/s , penetration - approx. 1 cm/s, retrieval - winch speed
- Samples are positively sealed, being capped both top and bottom, preserving the integrity of the samples.
- The rugged frame of the corer is made of 316 stainless steel and marine grade brass.

### Applications

- Environmental Impact Assessments
- Geochemical analysis
- Interstitial waters
- Oil field cuttings piles
- Biological survey

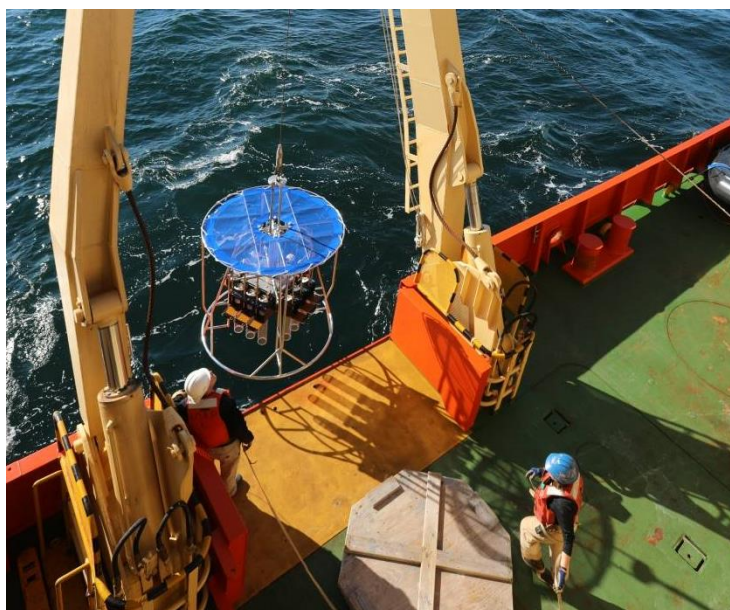


	Mega Corer	Maxi Corer	Midi Corer	Mini Corer
Core Tubes	12	8	4	4
External Diameter (mm)	110 or 65	110 or 65	110 or 65	65
Internal diameter (mm)	100 or 59	100 or 59	100 or 59	59
Length (mm)	600 or 800	600 or 800	600 or 800	300
Maximum Core Length (mm)	400 or 600	400 or 600	400 or 600	150
Corer Weight (kg)	735 or 750	700 or 715	665 or 680	88

- The core tubing can be manufactured from acrylic, poly carbonate or stainless steel, depending on requirements.
- Ideal for rapid assessment work.
- Complete core assembly can be frozen for later assessment.
- Full Ocean Depth (6000m).

### FEATURES

- Virtually undisturbed sampling of the sediment/water interface
- Unique hydrostatic sealing mechanism
- Detachable core holders
- Simple deployment and operation
- Hydraulically damped sampling
- Rugged construction



**FOR FURTHER INFORMATION PLEASE CONTACT:**

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