

Multiple Corers



OSIL's range of Bowers and Connelly Multiple Corers are capable of collecting an undisturbed sediment sample from the seabed. Each of the four corers, Mega, Maxi, Midi and Mini use a hydrostatically damped coring mechanism to attain the undisturbed sample.

The Multiple Corers can sample from 4 up to 12 cores in a single deployment and are easy to deploy and operate. The corers collect the undisturbed sediment sample together with overlying supernatant water, which provides a unique insight into the sediment water interface. The rugged frame of the corers is made of 316 stainless steel and the core

tubing itself of acrylic. Each has a deployment rate of approximately 1 metre per second on the descent and can be retrieved at winch speed thanks to the unique hydrostatic sealing mechanism which positively seals the sediment.