

Lightweight Vibrocorer



UK-based Ocean Scientific International Ltd (OSIL) has introduced a lightweight version of its Vibrocorer. The lightweight vibrocorer is roughly half the weight of the high-power version, but retains sufficient structural strength and vibration force (30kN) to drive the barrel up to 6m into densely compacted sediments in up to 250m water depth, courtesy of the vibrating motor contained within the sealed pressure housing.

The OSIL Vibrocorers have been designed as robust, easy-to-use and easy-to-transport modular systems which minimise dockside assembly for quicker mobilisation and benefit from a simple deployment and recovery procedure, which suits its use on vessels of opportunity.

The system can either be assembled dockside or on the vessel itself into a 3m or a 6m system before deploying over the stern. The unit has been designed for straightforward horizontal recovery on to the vessel and effortless removal of the core barrel and sample once back on deck.

<https://www.hydro-international.com/content/news/lightweight-vibrocorer>
