

Multi Corer Redesigned for Handling

The OSIL Multi Corer has been subtly redesigned to improve usability and handling of both the corer and subsequent samples on deck. This updated version of the multi corer has replaced UK-based OSIL's existing range of Multiple Corers which are universally acknowledged as being the only way of reliably collecting an undisturbed sediment sample from the seabed.

The developments in this multi corer include features that allow the corer to be used with ease whilst maintaining and improving the corer's effectiveness. The handling has been enhanced through the use of a modular weight design and a novel shutter plate mechanism, which prevents the accidental stretching of the shutter plate springs. The corer is also fitted with a new-style tube retention system to make it easier to install and remove the sample tubes on deck. While previous Multi Corers have been manufactured with a lead corer head, the new model uses a precision water-cut 316 stainless steel plate making this a lead-free version. Overall sampling design of the corer has not been altered and it still maintains the hydrostatic damped coring mechanism which results in a near-perfect corer. This new development reaffirms the Multiple Corer as the number 1 corer for environmental impact assessment worldwide.

The new Multiple Corer is a welcomed improvement to OSIL's corers which are already used worldwide by companies such as IAEA, Petrobras, Altima, NOC, BP, Duke University USA, Fugro, Ocean Lab, University of Qatar, Sure Group, HydroAcoustics, NIO India and The University of Aberdeen for sampling in applications related to environmental impact assessment, geochemical analysis, interstitial waters and biological survey.

<https://www.hydro-international.com/content/news/multi-corer-redesigned-for-handling>
