CMS-Geotech operates and hires 3m, 5m, and 8 metre barrel gravity corers. This method of sampling provides 86mm core samples from coastal to full oceanic water depths, dependant on vessel specifications and deployment systems.

The gravity corer is deployed using a freefall winch with either steel or fibre rope (deep water) and penetrates the seabed by gravity generated by allowing the corer to free-fall from a manually set height above the seabed.

Our gravity corers are constructed from carbon steel but we can provide stainless steel if necessary. All systems have easily configurable weights allowing accurate penetration control (40-500kg) and penetration indicator as standard.

The corer can easily be deployed from A-frame or crane on board and is modular, to allow easy transport around the globe as a stand alone system. CMS can provide, as an option, a core chute to ensure ‘safe’ recovery of the Gravity or piston corers which is easily mobilised to most vessels.

Gravity Corer

Seabed Sampling & Marine Geotechnical Surveys

Specifications
- 3m, 5m, 8m core samples
- Std 86mm barrel diameter
- Other sizes available
- Depth rated to 10,000m
- Carbon Steel
- Stainless steel option
- Configurable weights
- Fully portable
- Stand alone hire option

CMS-Geotech provides a full range of Geotechnical consultancy, equipment and engineers either as a stand alone option or as part of a bespoke solution tailor made for your project. We benefit from over 20 years hands on Geotechnical experience and have proven track record for providing a consistently high quality product every time.

See all of our geotechnical rental equipment by visiting our website.

www.cms-geotech.co.uk