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

The piston corer has a trip mechanism that allows the corer to drop from a set height avoiding the need for a winch with a de-clutchable break. Most importantly the pre-set drop height and use a piston significantly improves sample quality particularly in soft soil. The piston provides negative suction within the core liner aiding recovery of the sample.

Our piston 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 piston corers. This is easily mobilised to most vessels.

**Piston 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