BSL Sediment Sampler – Piston Core



General Specifications

- 6000m proven system
- Option for standard gravity and piston corer
- Quick-lock barrel assembly for 3 -9m cores
- Adjustable weight from 400 – 1200kg
- Clear PVC liners 89mm OD
- Optional HD seabed video data (Piston core only)

Services

Benthic Solutions operates a number of corer systems based on a gravity corer bomb from a standard track based launch and recovery system (LARS) system or a new rotation unit. We are therefore capable of providing several deployment configurations to suite the vessel layout or expected conditions.

These corers can have both gravity and piston options and have removable weights to allow the unit to be configured for optimal penetration, depending on the survey requirements. The corer is made from trusted technologies and proven designs. Using the Kullenberg-type trigger method (static or sliding cable version) method.

Survey selection is typically based on the following criteria:

- Barrel Length: 3-9m barrels with longer barrels used deep water or soft cohesive sediments. Conversely shorter barrels are used in hard substrates where penetration will be limited.
- Type: Piston corer has a better recovery over garvity corer in softer sediments and deep water.
- Release: A tigger release can be used for gravity and piston corers in deep water or where the drop speed cant be increased.
- Deployment: A dedicated launch and recovery system is needed for ease of handling on larger coring projects or where sea conditions require non-manual handling



Specifics

Item	Value
Shipping weight	500 -1300KG
Shipping dimensions weight box (L,W,H)	750 x 750 x 1250mm
Shipping dimensions barrel(L,W,H)	Barrel dependent 3000-9000mm

Benthic Solutions Limited, Unit A Greengates Way, Hoveton, Norwich, NR12 8ED, UK

☎ +44 (0) 1603 784726 ✉ enquiries@benthicsolutions.com 🌐 www.benthicsolutions.com