

# Mini-gravity corer

## A lightweight sampler

**This corer has been designed for collecting undisturbed samples in unconsolidated silty or clayey sediments. The corer can be used as gravity corer to collect samples in the bottom of for instance harbours, lakes and rivers.**



The advantage of this system is that it operates in any water depth. The maximum length of the core barrel is 3 m, and a PVC liner with a diameter of 70 mm is mounted inside.

The principle is based on a free fall of appr. 1m which is reached by the use of a winch free fall capacity. The penetration depth can be regulated by removable total weight loads.

### **Dimensions:**

Corer type: Model 2172

Weight appr. 150 kg

Five lead weights loads of 20 kg  
(space for one additional weight)

### **Core barrel length:**

Variable between 1 and 3 m, outer diameter 70 mm

PVC liner inner diameter 67 mm.

Removable cutting shoe with core catcher.



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