


Gravity Corer



Attention:

Please note that the Gravity Corer can only be operated upon request. Request operations with the Gravity Corer to AWI-Geology and AWI-Logistics in sufficient time prior to the cruise. Operations of the system require experienced scientific staff on board. The system is not operated by the ship's crew.

Summary

The gravity corer allows researchers to sample and study sediment layers at the bottom of oceans. The system is lowered to the sea floor and penetrates by its own weight into the sediments. When being pulled out of the sediments the core catcher closes and secures the sediment column inside the tubes. On deck the core catcher is removed, the plastic liners pulled out the barrels and cut into 1 m sections.

Manufacturer	Metallbau und Schmiede H. Ferl (former: Hydrowerkstätte Kiel)
Model	125mm tube diameter with two types of weight carriers: 366 and 446
Serial No.	PS
Type	corer
REGISTRY-Link	REGISTRY (3165)



Contacts

Name	Institution	Role
Norbert Lensch	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	Engineer In Charge
Alfred Wegener Institute for Polar and Marine Research	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research	Owner

Components

Documentation

- [Gravity Coring \(Standard Operation Procedure, 6 MB\)](#)