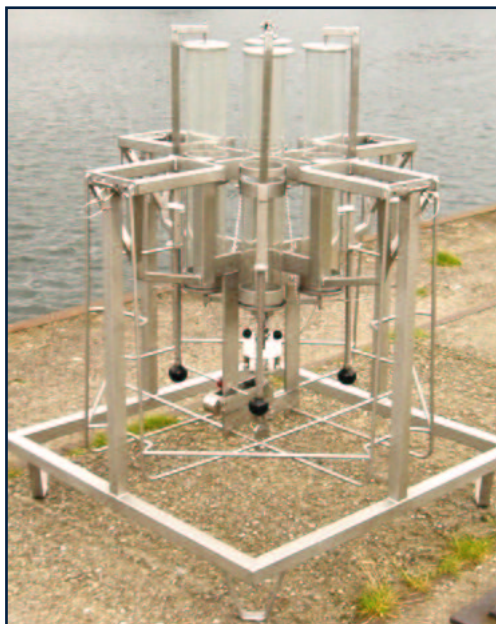


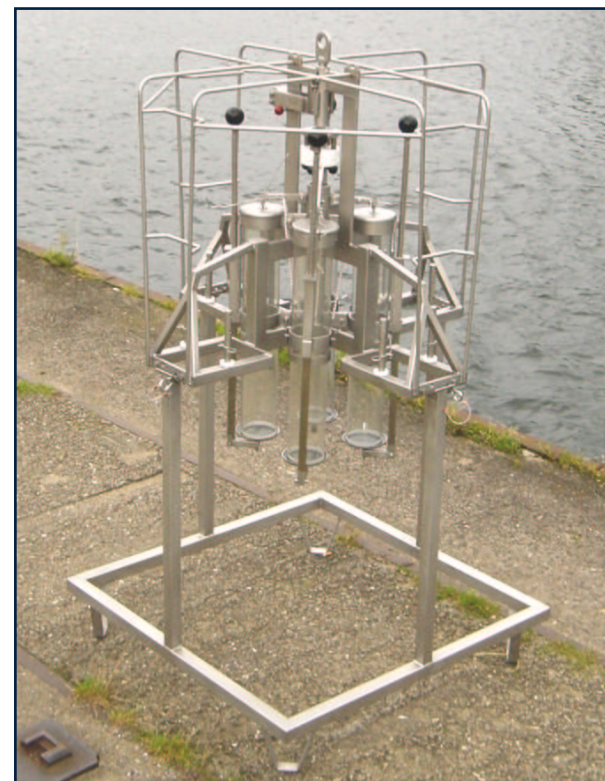
Mini Muc K/MT 410

The compact sediment corer with frame is used for sediment sampling and acts simultaneously as transport device.



Probe sampling is made by means of four tubes at 600mm length and 40 to 100mm diameter.

40mm core tubes are suitable for sandy sediment and 100mm ones for silt.



Technical data

The frame is equipped with several holdings for lead weights to guarantee successful penetration in the sea floor in case of hard sediment.

Operation:

After penetration in the sea floor the closure arms are released and close the core tubes upon pulling them out of the sediment.

Probe sampling: 4 core tubes; material: plexiglass
diameter: 40mm/sand -100mm/slick x length: 600mm

Size: (w) 1000mm x (h) 1000mm x (d) 1000mm

Weight: 100 - 220kg (depends on the lead weights)

Material / frame: stainless steel 1.4571 (opt.: titanium)

Operation depth: 6000m

Product no. frame: K/MT 410

Article no.: 1040

Product no. tube: K/MT 410-02

Article no.: 1040-01



September 2001: Mini Muc deployment northern of Spiekeroog (Deutsche Bucht), Solveig Bühring, Max-Planck-Institute Bremen, sampling of sandy sediment research vessel: Heincke 154