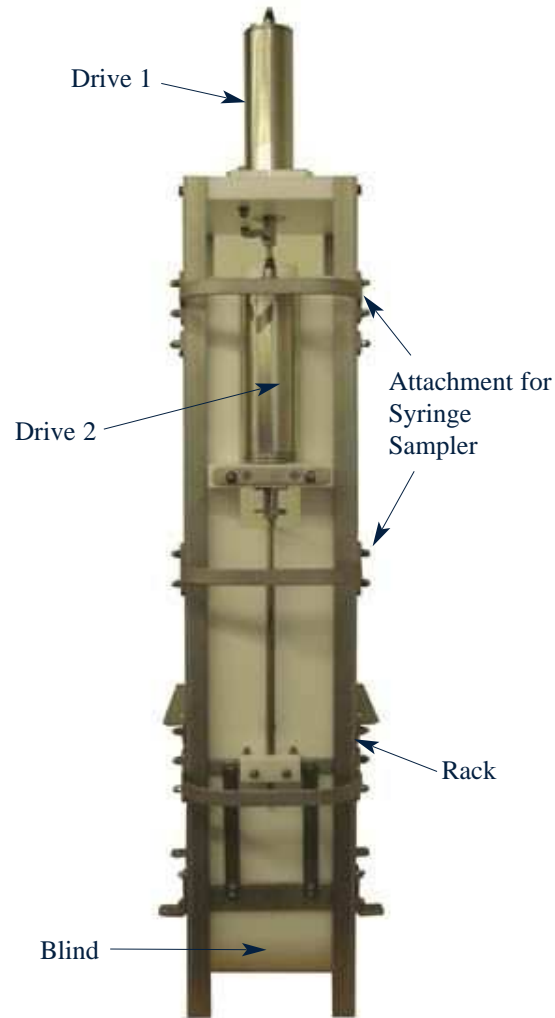


## Benthic Chamber K/MT 110



### Instrument for Sediment Sampling

By means of a Benthic Chamber one sediment probe can be taken. Fixed to the instrument carrier "lander" it can be deployed up to 6000m depth.

It is programmable and consists of two (2) drives, the rack and the chamber with blind.

Deployment at the sea floor:

Drive 1 moves the chamber down and drills it into the sea floor.

Activated by the second drive 2 the blind closes and embraces the sediment probe in the chamber. Then drive 1 moves the chamber up again.

**Technical Data:**

Operation depth: up to 6000m

Standard dimensions: height: 1200mm  
width: 250mm  
depth: 220mm  
total weight: 28kg (without drives)

Chamber dimensions: height: 1070mm  
width: 220mm  
depth: 220mm

Drives: drives for deep-sea application  
weight: 5,4kg  
power supply: 6V (option: 12V)

Material: chamber & blind: POM  
drives: stainless steel 1.4571 or titanium  
rack: stainless steel 1.4571

*Product no.:* *K/MT 110*

*Article no.:* *1002*



*Benthic Chamber with Syringe Sampler*