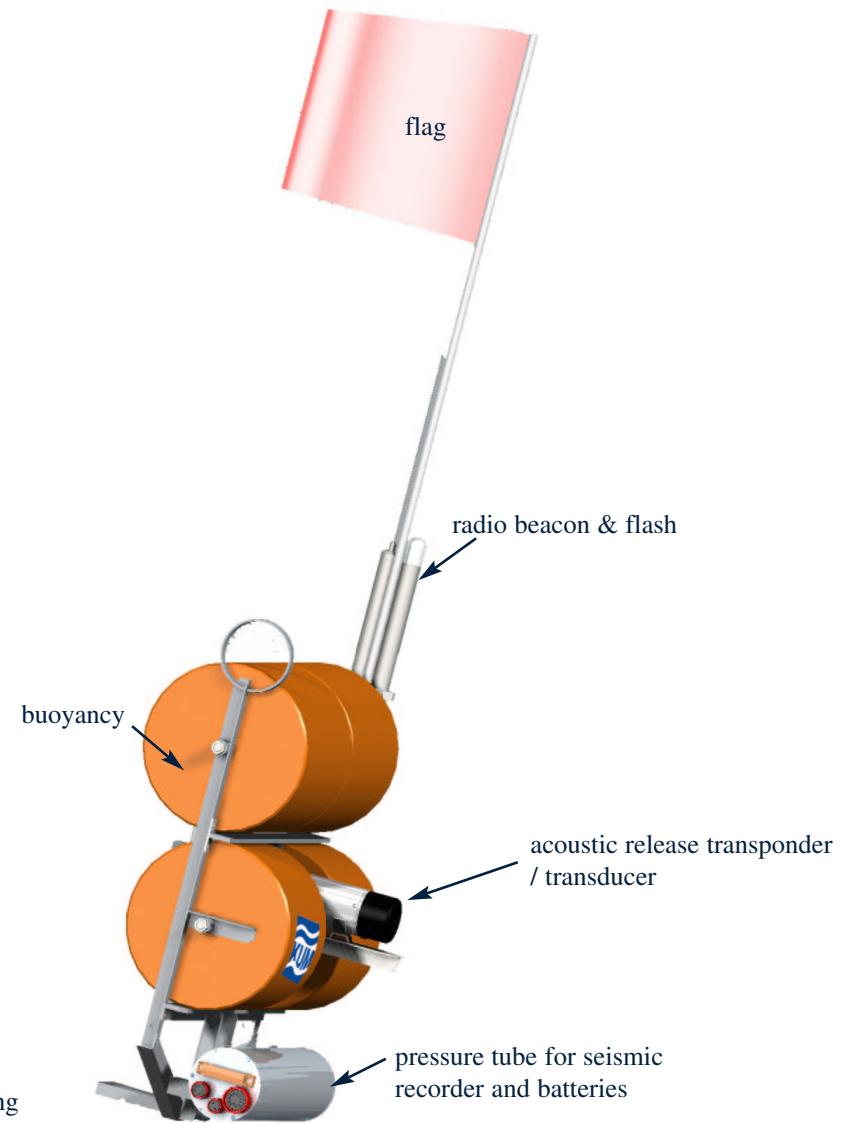


Flat OBS-system K/MT 504

Easy and comfortable handling on board and during transport, multiflexibility regarding instrument modification as well as corrosion resistance and less weight due to the light but strong material titanium distinguish the flat model of the SLA-OBS group.

Buoyancy and anchor are asymmetrically designed: the instrument ascends in vertical position to the water surface whereas it descends to the seafloor and stays there for data recording in horizontal position.



OBS - system in upright position when ascending

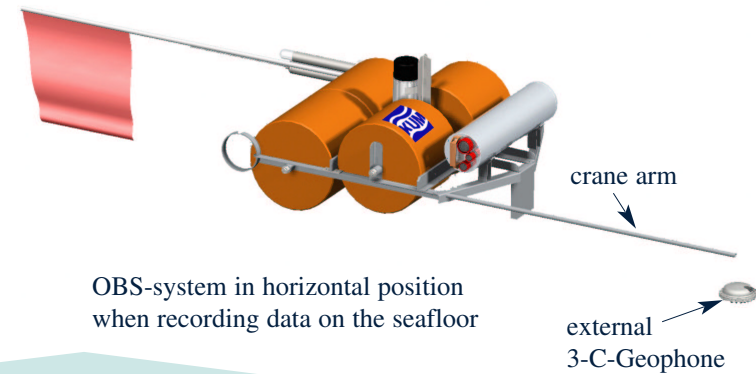


Technical data

Size:	length: 1200mm width: 1040mm height: 610mm
Total weight:	185kg; plus anchor weight: ~ 70kg
Operation depth:	6000m
Frame:	titanium
Buoyancy:	4 cylinders syntactical foam 24kg effective rest buoyancy
Recorder:	MBS, MLS or MES recorder in titanium pressure tube; high resolution, low power consumption
Releaser:	K/MT 562 KUMQUAT, titanium
Hydrophone:	for pressure wave measurements
3-C-Geophone:	external seismometer K/MT 210, titanium; for pressure and shear wave measurements on the seafloor
Aid location:	flag, radio beacon, flash, optional GPS
Product no.:	<i>K/MT 504</i>
Article no.:	<i>2220</i>

Features:

- modular system: mounting and demounting of float units according to requirement
- sturdy and safe on deck; quick and easy disassembling
- frame and pressure tubes are made of titanium, hence less weight and corrosion resistance without additional costs
- syntactic foam guarantees utmost security, stability and shock resistance
- grace to the extreme flat body highest noise reduction on the seafloor even with strong current



OBS-system in horizontal position
when recording data on the seafloor