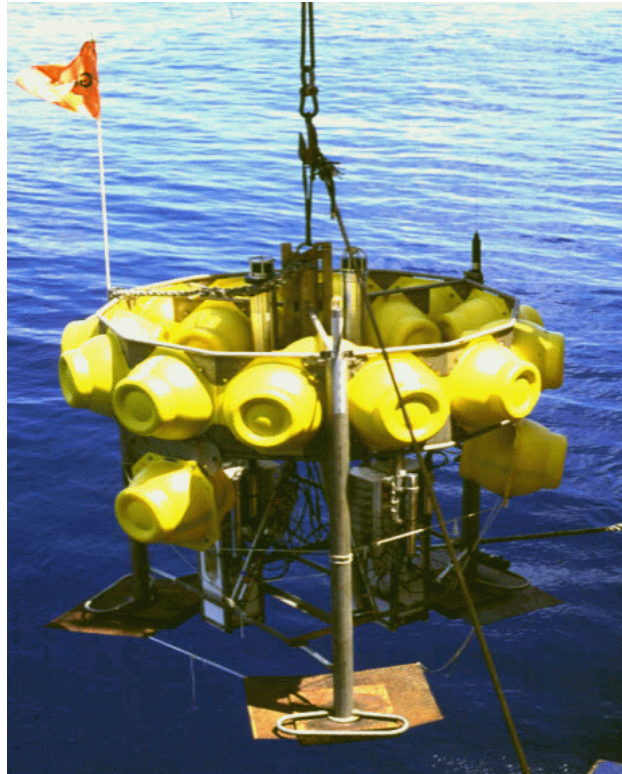


- NEW MODULAR LANDER SYSTEM -



Technical description:

Height:	Approx.	2500 mm
Diameter:	Approx.	2500 mm
Weight of framework in air:	Approx.	120 Kg

The tripod-framework (see fig.) as the central part is made from stainless steel and can easily be mounted and dismantled into its components for small transport and storage volume. It can carry:

Benthic Chambers	Currentmeters
Still Camera Systems	Video Cameras
Watersampler	

Design

The central part of the system is a **tripod-framework** made from stainless steel and can easily be mounted and dismantled into its components for small transport and storage volume. The maximum working depth is 6000m.

The total lander system consistsof:

up to 21 17“ Glass Flotation Spheres (type on customers request).

the tandem release system with two parallel mounted Acoustic-Release-Transponder (type of customers request)

a 0.9 x 0.9m platform for the measurement equipment capable for up to 4 units.

the steel ballast weights for variable descent speed, (regular descent speed 60m/min.).

a radiotransmitter and a flashlight to find the lander back at the sea-surface after release.

Optional a GPS-Transmitter can be installed.

We have divided the system into three modules which can be ordered as follows:

Module 1:

Tripod-framework with holds for flash, radio beacon, tandem release transponder, and a maximum of 21 17“ buoyancy glass spheres and working platform 0.9x0.9m.

Module 2:

1 Measuring unit including 2 deep-sea engines,

2 lead screws, both made from stainless steel.

1 temperature sensor and a mixer, both made from titanium.

1 Power unit NiCd 14.4V/4AH

1 Set of underwater cable to connect the sensor, the power unit and the data logger.

Module 3:

Programmable control unit including pressure house, control board and stabilised DC power supply unit for sensors and data logger system

Extra ballast weight set