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CASSETTE SEDIMENT TRAP



Sound Ocean Systems, Inc., is the exclusive reseller of EDBOE (Experimental Design Bureau of Oceanological Engineering of the Russian Academy of Sciences) in the United States. EDBOE possesses extensive experience in the development, manufacture and supply of subsea research instrumentation. These sensors and systems are used around the world in hydrology, hydroacoustic, geophysics, geomorphology, geology, ecology and for the monitoring of coastal zones.

The EDBOE Cassette Sediment Trap provides hard scientific data about the amounts and kinds of materials falling through the oceans toward the seafloor. The traps collect tiny particles of sediment, commonly referred to as marine snow, in a large funnel and stores samples in a collecting jar at the bottom of the system.

The trap consists of four main parts: The funnel for collection of sediments with square of 0.5 m; frame, intended to prevent the funnel from mechanical damage, with fittings; executive mechanic unit with samplers and control unit. The trap provides sequential samples, up to 12 during signed-time intervals. The time of samplers expositions is defined by the research mission and may be changed within setup limitations. The trap provide time set-up from 1 to 10 hours before the beginning of the exposition of the first sampler. Center-in-line mooring at buoy station is available.

Thank you for reviewing the Cassette Sediment Trap. Please contact our helpful technical staff if you require assistance with this product. Our team of skilled engineers, designers and trained technicians are ready to assist you with product modifications and solutions to meet your most demanding requirements. Systems are available in a variety of configurations and are custom ordered to meet your requirements. For additional information on EDBOE, you may visit their website at www.edboe.ru. 

Standard Features:

- Collects 12 Discrete Samples
- Non-Corrosive Titanium Frame
- Simple Programming Of Time
- Variable Time Before Opening Of The First Sampler
- Removable Baffler

Specifications

Sampling area	0.5m sq.
Square of collection.....	0.5 M sq.
Quantity of samplers	12 ps.
Time of exposition of each sampler.....	from 1 to 30 days
Time of exposition of the first sampler.....	1 to 10 hours
Sampler's capacity.....	200 ml
Total operational time of collection.....	up to 1 year
Supply unit batteries	r14 type 4 ps.
Operational depth	up to 6000 m
Weight in a water.....	30 kg
Mass.....	42 kg

*Specifications subject to change

