

Subsea Science Suction Sampler

AT-0150

High-spec, non-intrusive method of acquiring large semi-fragile biological samples and zooplankton from the seabed using vacuum suction

The 7-chamber indexing carousel allows specimens to be carefully captured from the ocean depths and safely preserved in dedicated sample chambers

Supplied with a hydraulic-powered rotating carousel and suction motors with a reversible pump jetting function

Key Features

- Low profile design with 80mm diameter large bore inlet pipework
- Side-loading gate for simple and easy individual removal of sample chambers
- Dark or Clear sample chambers with optional removable Plankton Filter for capturing small critters
- Multiple configurations available, including various hose and nozzle adaptor options for submersibles and ROVs

Specifications

Overall Diameter	850 mm (excluding hoses)
Overall Height	380 mm (excluding hoses)
In Air Weight	48 kg
Chamber Type	Clear/Dark/Plankton
Sample Volume	5 L
External Diameter	180 mm
External Height	250 mm
Sample Intake	80 mm
Gauze Options	Fine 0.2 mm Coarse 1.2 mm * other mesh sizes available

