

INSULATED SAMPLE COLLECTION BOX



APPLICATION: The insulated sample collection box was designed and built to store animals, usually benthic, and experiments for transportation to the surface with manned submersibles. By preventing drastic temperature changes, many animals can be kept alive for further study on the support ship or on shore.

DESCRIPTION: The box is constructed of 2.5 cm thick clear plexiglas, an excellent thermal insulator. The lid is sealed by a rubber gasket and can be opened and closed hydraulically from within the submersible. Three solid or mesh bottom subsample divider boxes can be inserted into the sample collection box. The top of the box has two cover plates that can accommodate intake and discharge hoses for suctioning samples directly into the box. A drain plug is located in the bottom of the box. The box dimensions are 122 cm long x 35.6 cm wide x 48.5 cm high, and weighs 120 lbs. in air.