The BioBlock system is designed to prolong underwater use of LISST instruments by reducing bio-fouling. A sliding shutter that places copper disks over each window significantly reduces growth of bio-fouling while the mechanical shutter block out ambient light. The system can be easily attached to either the LISST-100, the LISST-100X, or the LISST-25X. BioBlock is fully self-contained, including a battery pack (2 Alkaline D cells), electronics, and a motorized shutter mechanism. A simple logic signal from the LISST instrument toggles the position of the shutter. Software within existing LISST instruments can be upgraded to accommodate BioBlock control. The LISST-100X instruments comes standard with a dedicated BioBlock connection. The batteries operate BioBlock for over 15,000 cycles. No toxic chemicals are used.
FEATURES

- Copper based Anti-fouling Shutter system. No toxic chemicals
- Self Contained with internal batteries (2 Alkaline D cells)
- Simple Digital signal commands the BioBlock to open and close
- Direct connection with LISST-100X BioBlock port and LISST-100 Aux. port
- Simple Bolt-on installation
- Replaceable copper anti-fouling disks

SPECIFICATIONS

Mechanical and Electrical
- Dimensions: 2.5” diameter x 12” long (6.4 cm dia. x 12” long)
- Battery life: over 15,000 open/close cycles
- Depth Rating: 300 meters