

BioBlock

Anti-Biofouling System for LISST Instruments

• Bolt-on Option for LISST-100X and LISST-25X

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.



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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

