



TARI SFF1

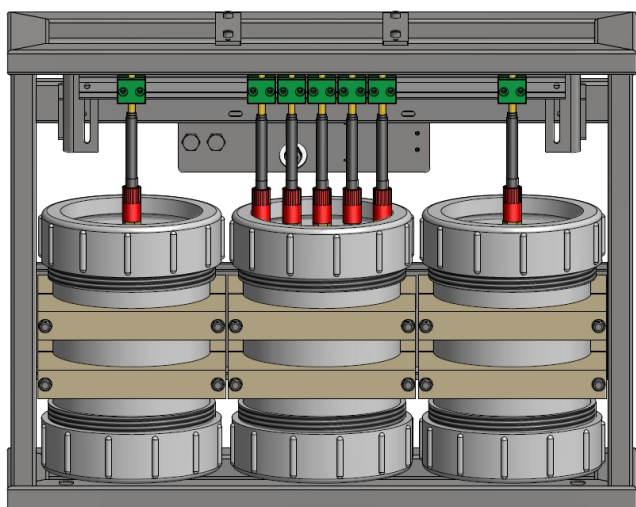
Seafloor sensor deployment frame

- ✓ SFC1 and SFB1 mounting brackets
- ✓ ADCP mounting with mounting
- ✓ MPP mounting
- ✓ Deployment and recovery points
- ✓ Anode protection
- ✓ Full stainless steel construction



This deployment frame is part of our environmental ecosystem. It is designed to safeguard your costly equipment during seafloor deployment and recovery. It is intended to be used together with our SFC1 controller and SFB1 battery packs. Together with our SMART buoys it forms a total solution that provides real-time measurement data to your vessels and offices.

When facing the need for real-time seafloor measurements the technical challenges rise exponentially and all too often the results tend to be disappointing. Our environmental ecosystem has a range of products that are specifically designed to meet these challenges. Our SFF1 seafloor frame is a mechanical solution designed to safeguard your costly equipment during seafloor deployment and recovery.



In the center of the frame there are three brackets that can hold two SFB1 battery packs and one SFC1 seafloor controller. Thanks to the cable management brackets all subsea connectors can be mounted stress free to guarantee correct operation.

A gimbal solution is integrated in the top of the frame so the ADCP will always hang vertical into the frame. A large PE tube is mounted around the ADCP setup so that sideways currents do not push the ADCP out of verticality.

The multiparameter probe can be mounted in the middle of the frame. This keeps the probe away from seafloor disturbance and keeps it well protected.

The frame can be used as is or extra weights can be added to the feet if the application requires it. Two eyes on top of the frame make it easy to deploy the frame and the two eyes on the side are intended for recovery.

The frame is constructed from stainless steel 316 tubes that give you a non corrosive long lasting solution. It has a sacrificial anode mounted that can be easily replaced.

Mechanical

- 1.52m x 1.52m x 1.56m
- Weight : +/- 150 Kg

Materials used

- Frame : stainless steel
- Gimbal : stainless steel
- Tube : PE

