

## PRE-DEPLOYMENT CHECKLIST



*This device is a very sensitive scientific instrument. To ensure proper operation and optimal results please follow the instructions in the instrument user manual.*

*This checklist summarizes essential pre-deployment steps.*

### MicroRider-1000-EM

- Read and understand the instrument manual
- Inspect all sealing surfaces & o-rings on instrument & confirm their integrity
- Complete electronics bench test checklist with test probes & confirm data acquisition
- Format compact flash card - consult manual
- Install new CR123 battery, reset instrument clock
- Ensure all probe ports have a greased o-ring and a white ferrule
- Ensure o-ring and ferrule are in correct order - consult manual for diagram
- Ensure that all bolts & connectors are secure (consult manual for safe torque rating)
- Ensure probes are fully inserted
- Confirm all probes are oriented correctly
- Ensure probe holders are tightened correctly - consult manual
- Confirm power supply and ancillary sensors (if applicable) are connected & functional
- Consult platform manufacturer for correct/safe integration instructions (if applicable)
- Turn on instrument and confirm communication via deck cable or platform interface

