



Extreme Endeavors & Consulting

Engaging Austerity Through Innovation

Cryogenics

- Experienced in thermal management for cryogenic environments down to 50 mK.
- Experienced in operations around liquid nitrogen, liquid helium, liquid oxygen and liquids in a super critical state.
- Familiar with cryogenics operation in truly austere environments.
- Familiar with a variety of refrigeration devices.



Services Offered

- Liquid Nitrogen Production in Isolated Environments.
- Liquid Helium storage and transport.
- Monitoring of liquid levels.
- Design and implementation of refrigeration systems.
- Dewar Design.



Refrigeration

- *Close Cycle Helium
- *Adiabatic Salt
- * JT Valve
- *Direct liquid Cooling

Supporting Hardware

- Development of systems for sensing and controlling the cool down and warm up of dewars, providing completely automatic systems.
- Design of dewars and cold chambers specific for your application.
- Electronics and mechanical design for components in the cryogenic environment.
- Development of RF feed through and hermetic electrical junctions.