

Vibration and Cryogen Free 4K Experimental platform

- Large 300 mm DIA X 250mm Experimental Volume
- Optical bench with 1st resonant mode > 400Hz
- Standard and Custom wiring available (instrumentation DC, Power DC, HF GHz, Optical Fibers)
- Up to 1.5 Watts cooling power at 4.2K
- High Vacuum and Ultra High Vacuum Options
- Frame designed under FEA for stiffness and damping optimization
- Multi-stage vibration isolation (active/passive)
Design for NIST Nanotechnology criteria
- < 6 Hrs cool down time
- Optional He3 or He3/He4 stage



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