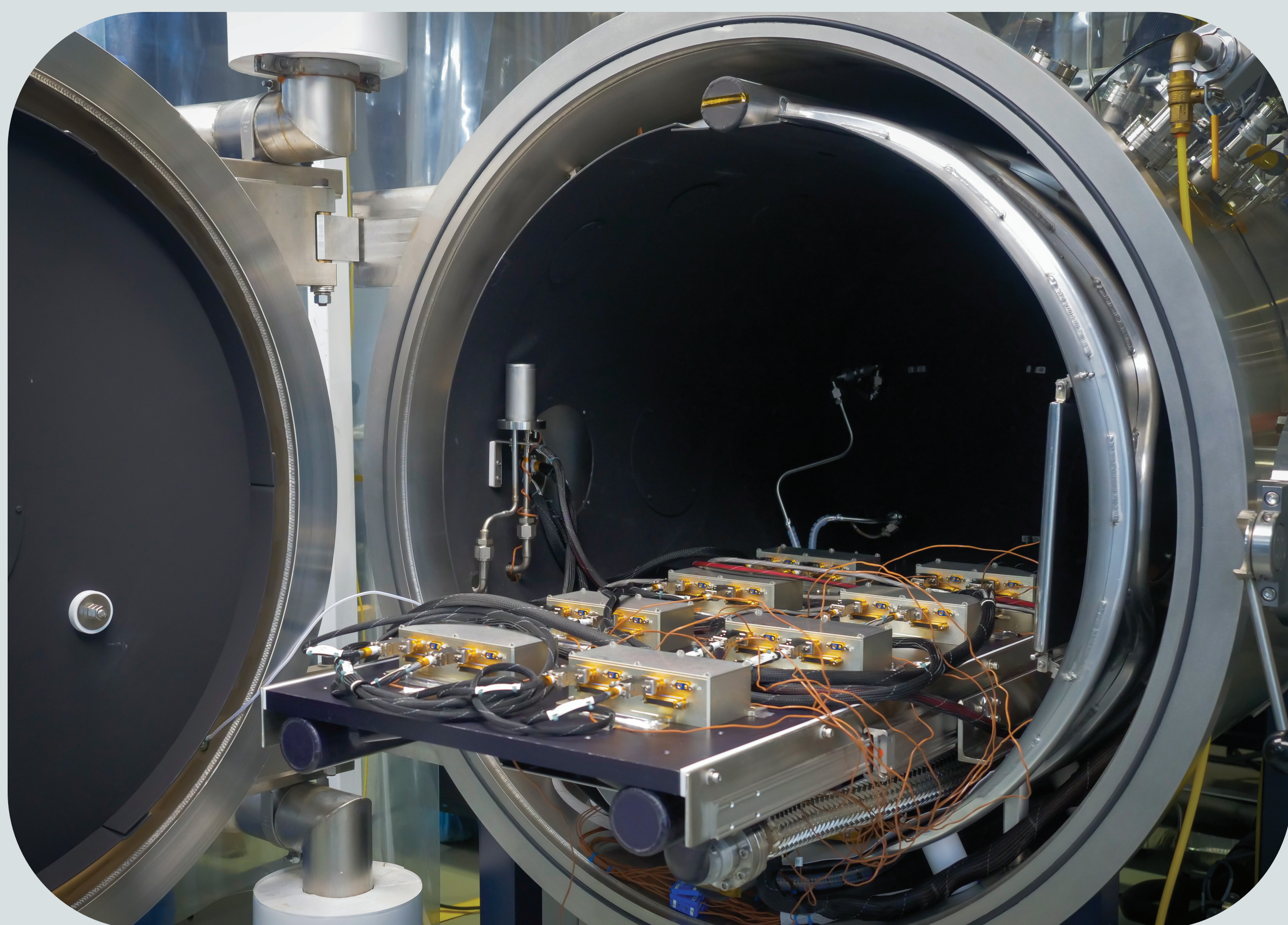
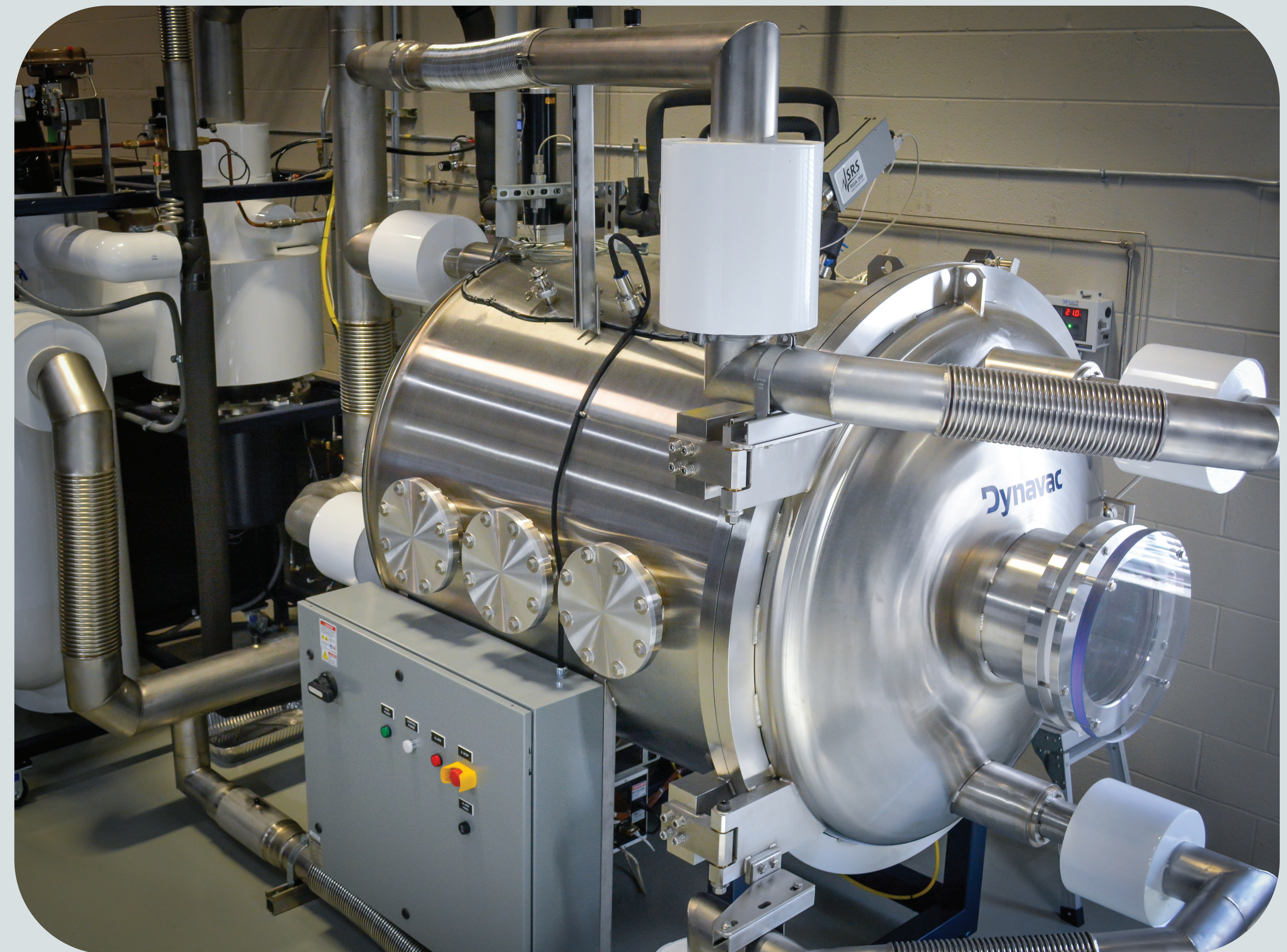


SPECIFICATIONS

- Shroud temperature control range: -180° to +150°C
- Vacuum: ATM to 10⁻⁷ Torr (1 ATM to 20 mTorr in 20 minutes)
- Payload up to 604 lbs
- Rail system to facilitate payload installation
- Class 100K clean room loading/unloading environment available
- LN2 available inside chamber with independent temp control
- Shroud: 3' diameter, 4' long, leak tested 1×10^{-9} std/cc/sec helium
- 12" diameter door window with fused silica glass
- Six 11" ports for custom test adaptation
- Cryogenic pump with convection and ion gauges
- PLC for controlling devices
- Real-time system status display
- Scavenger Plate and Cold Finger
- Interior shroud painted with MH-2200



APPLICATIONS

- Thermal cycling of flight hardware with 24/7 monitoring
- Harness bake-outs
- MLI bake-outs
- Component and Subsystem level environmental testing and bake-outs
- Contamination identification

INSTRUMENTS

- RGA (Residual Gas Analyzer)
- Thermal QCM (Quartz Crystal Microbalance)
- 63 thermocouple channels for testing
- T-type thermocouples for chamber monitoring (6 on shroud, 3 on platen)