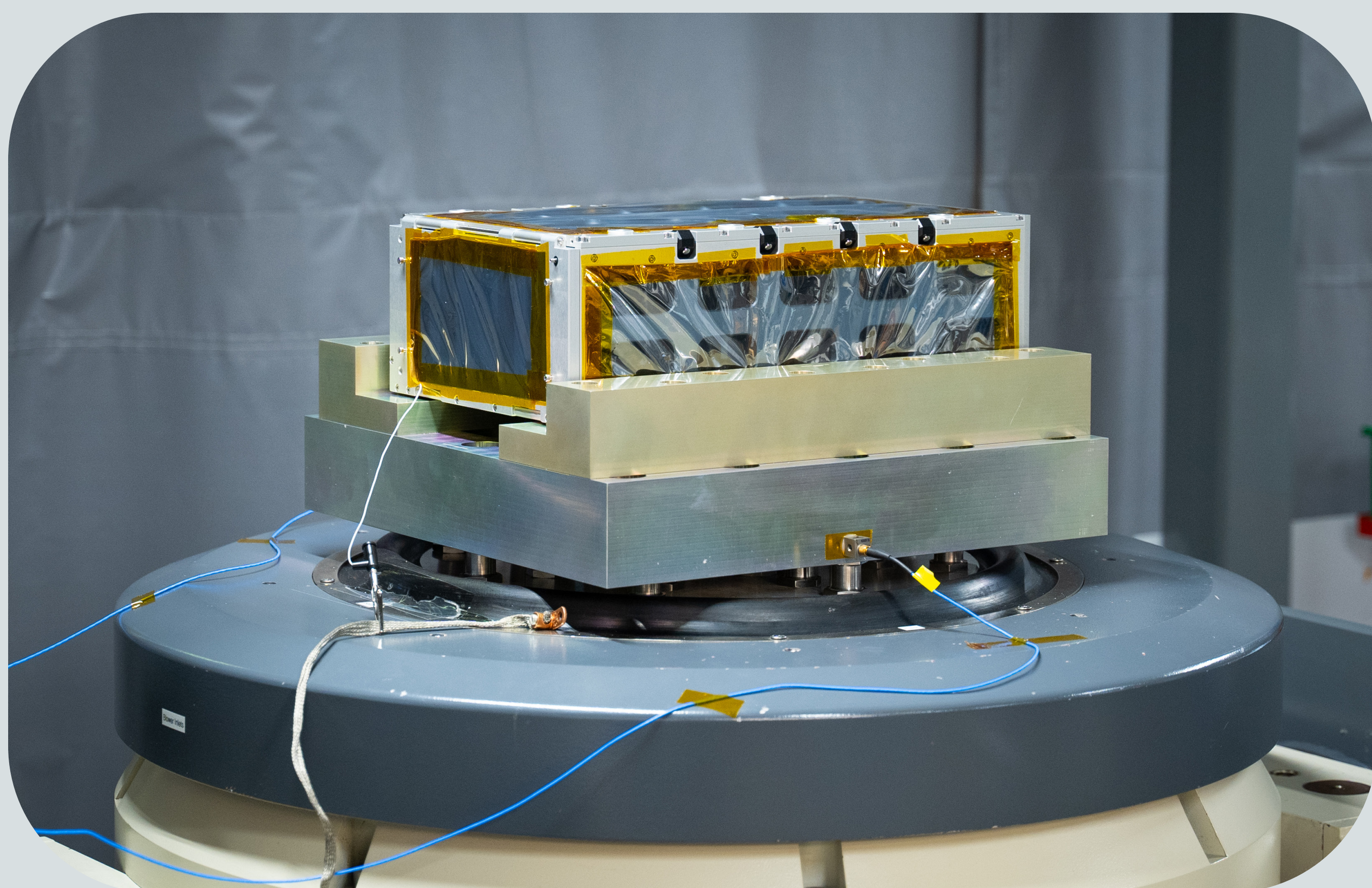
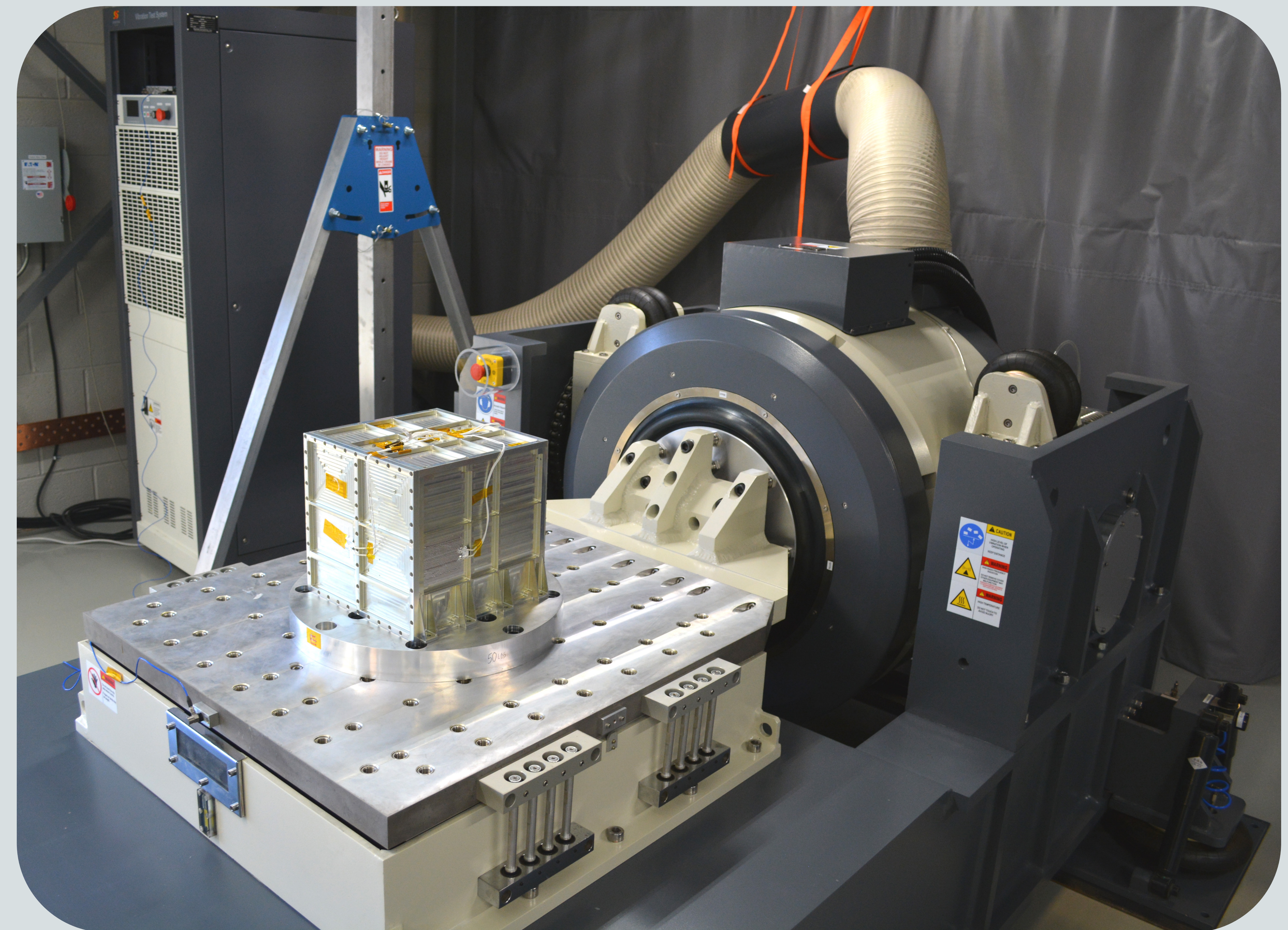


SPECIFICATIONS

| | Parameter | Metric Value | Imperial Value |
|----------------------|-------------------------|-----------------------|-----------------|
| Shaker (M5044A) | Sine Force Peak | 5,000 kgf | 11,000 lbf |
| | Random Force rms | 5,000 kgf | 11,000 lbf |
| | Shock Force (6 ms) | 10,000 kgf | 22,000 lbf |
| | Frequency Range | 5 - 2500 Hz | |
| | Continuous Displacement | 51 mm | 2 in |
| | Shock Displacement | 51 mm | 2 in |
| | Max Velocity | 2 m/s | 78.7 in/s |
| | Max Accel Sine Peak | 980 m/s ² | 100 g |
| | Armature Diameter | 445 mm | 17.5 in |
| | Effective Armature Mass | 49 kg | 107.8 lb |
| | Max Static Payload | 1000 kg | 2200 lb |
| | Slip Table (LST800M) | Slip Table Dimensions | 800 mm x 800 mm |
| Max Payload | | 400 kg | 880 lb |
| Slip Plate Thickness | | 45 mm | 1.8 in |
| Slip Plate Mass | | 60 kg | 132 lb |
| Over-Turning Moments | | | |
| Pitch | | 3900 N-m | 2886 lbf-ft |
| Roll | | 3900 N-m | 2886 lbf-ft |
| Yaw | 200 N-m | 148 lbf-ft | |



APPLICATIONS

- Sine Sweep
- Sine Burst
- Sine Vibration
- Random Vibration
- Horizontal and Vertical Testing
- Flight, ETU, EDU, GSE
- Mass Simulators

INSTRUMENTATION & SOFTWARE

- Automated Test Report Output (PDF and Excel)
- Flexible Accelerometer Control Strategies
- 24 total accelerometer channels
- 0.5" and 0.25" triaxial accelerometers (Calibrated annually)