

GLOVEBOX HERMETIC SERVICES

Laser Welding and Sealing in an Inert Environment

Litron is fully dedicated to providing the highest quality hermetic environment for the welding and sealing of your hi-rel electronic packages. To ensure your components are fully protected, we have a Class 10K cleanroom environment equipped with state-of-the-art laser welding and sealing systems and testing centers.

Class 10K Cleanroom

- Positive Pressure Environment
- Laminar Flow Benches
- Independently certified gowning area
- HEPA Filters
- Earth Grounded
- ESD Safe Flooring

Fully Compliant

- Certified ANSI/ESD S20.20-2007
- Class K Flight Hardware
- Welding MIL-PRF-38534E
- MIL-SPEC-883, MIL-SPEC-202

Testing Capabilities

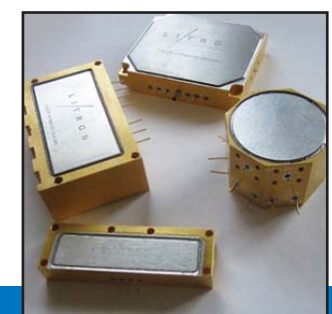
- MIL Gross Leak Testing
- MIL Fine Leak Testing
- Pressure Bombing per MIL Standard 883
- Metallurgical Lab Testing with mounting, cross sectioning and high power weld analysis capabilities

Highly Recognized Hermetic Services

- NASA approved vendor

Hermetic Equipment

- ESD Constant workstation monitors
- Humidity controls with constant monitoring and maintaining of 40% humidity
- MBraun Vacuum Ovens
- MBraun Gloveboxes
- Trumpf Yag Lasers
- High Velocity Soot Removal Systems
- Laminar Flow Benches
- Fine Leak Detectors (Helium Mass Spectrometers)
- Gross Leak Detectors (Bubble Detectors)
- Leak Test Tanks
- Helium Pressure Bombing Station



L I T R O N

1-866-LITRON-1

ISO 9001:2008 CERTIFIED

www.litron.com