

# 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

- ESD S20.20 Compliant
- Class K Flight Hardware
- Welding MIL-PRF-38534E
- MIL-SPEC-883, MIL-SPEC-202

## Testing Capabilities

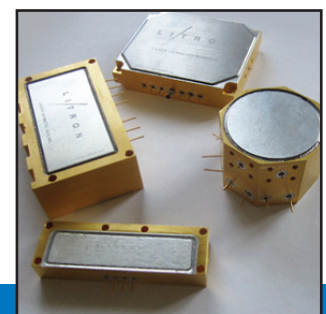
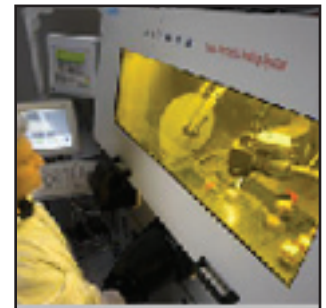
- MIL Gross Leak Testing
- MIL Fine Leak Testing
- Pressure Bombing per MIL Standard 883
- Metallurgical Lab Testing with mounting, cross sectioning and high power weld analysis capabilities

## 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**  
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**ISO 13485 CERTIFIED**  
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