

METROLOGY SERVICES

Flow
Pressure
Control

WHO WE ARE :

Founded in 1996, SemiRep has brought together leaders of the instrumentation world with innovative concepts determined to rethink the Flow Metrology Service. Today, we are the largest independent Flow Metrology Lab in Northern California.

OUR PROMISE :

Exceed our customers expectations with the highest level of service and performance.

Our team of professionals have dedicated their over 50 years of experience to conducting business in a new efficient, cost-effective and environmental conscious way.

OUR FACILITY :

- Class 100 Cleanroom
- 24 hour Temperature and Pressure Monitoring
- NIST Traceable Calibration Lab
- Semiconductor Protocol
- ISO 17025 Compliant
- 1×10^{-11} atm-cc/sec He Leak Detection
- High Purity Calibration Gases
- Automated Calibration Equipment
- High Temperature Environment
- Vacuum capabilities
- Cleaning and Decontamination
- Purge and Ultrasonic Cleaning

OUR SERVICES :

- Flow Calibration / Certification
- Complete Refurbishment
- Failure Analysis
- Component Profiling
- Pressure Drop Testing
- Secondary Electronics Certification
- Complete System Certification
- Cleaning / Decon / Recycling
- In-Situ Certification and Repair
- Engineering Services
- Critical Flow Path Design
- Custom Services
- Inventory Management
- Maintenance Contracts
- Automatic Service Recall

OUR CAPABILITIES :

- Gas Flow to 1000 SLPM
- Pressure to 1500 psig
- Vacuum to 100 mTorr
- Leaks to 10^{-11} atm-cc/sec(He)
- Vacuum Antistatic Packaging
- Ultrasonic Cleaning
- High Purity Inert Gas Purge
- Volumetric Primary Standards
- MOLBLOC Primary Standards
- FDA Approved Elastomers
- Oxygen Cleaning
- Sterile Assembly and Test
- Recycling Programs

