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Helium Leak Detector Maintenance

Our comprehensive Annual Maintenance Service includes:

- ✓ Thorough valve block cleaning, new seals
- ✓ Clean and inspect spec tube/analyzer system, replace ion source/filaments
- ✓ Advance exchange of Helium Leak Standard, NIST Traceable Certification
- ✓ Change oil for Mech Pumps, check operation of all vacuum pumps
- ✓ Leak Check system, optimize settings, tune and calibrate to helium
- ✓ *When required: Scroll-set exchange/rebuild service, Mechanical Pump rebuild, diaphragm pump rebuild and turbo rebuild service available.*

Specializing in Agilent/Varian, Alcatel/Adixen, Pfeiffer, Leybold, LacoTech, and Inficon equipment

4 Reasons to schedule annual Preventative Maintenance:

- »Process reliability & efficient product throughput: reduced downtime
- »Optimize sensitivity and dependable leak measurements (NIST compliance)
- »Reduced Emergency Service Charges
- »Early warning for operational issues on systems and pumps



Expert On-demand Repair Service

All our Technicians are thoroughly trained, professional and reliable. Their work is backed by our Warranty and Tech support, with more than 38 years of Field Service Engineering experience.

Our Applications support covers a wide variety of industries.

Mass 4 Service knows leak detection.

Expert and prompt diagnostic services to get your leak detection equipment up and running again are part of the support we provide our customers.

Tech Support available Mon-Friday 8am – 6pm PST.

NIST Helium Leak Standard Re-Certification, Advance Exchange

Re-certified Helium Leak Standards are exchanged as part of our Annual Maintenance Program. No waiting for the Lab.

All leaks guaranteed; all exchanges are for like-scale leaks.

Refurbished Leak Detectors

Looking for a bargain? Call to see what fully refurbished units we have. All refurbished Leak Detectors come with our Mass 4 Warranty.



Short-Term Leasing Units

Change in work load? Special, fast-turn around project? Or other unforeseen challenges? *We rent leak detectors by the week.* Agilent VS Series Dry Leak Detectors, and our Varian 959T Dry model. Some adapters & Sniffer Probe available.
Please call for equipment availability.

Pump Rebuild Service

Maintained and adjusted vacuum pumps provide optimal function of your leak detection equipment.

Mechanical Vane (wet), Dry Tri-Scroll, Diaphragm, Diffusion Pumps and most models of Turbo Pumps are rebuilt and tested in our well-equipped in-house shop. Roots pumps, Iwata Scroll pumps and certain Turbo and Molecular Drag pumps are rebuilt by our associate shops or OEM shops.

Advance-exchange units are available for commonly used models.

Operator Training Workshops

These intensive, hands-on, one-day Workshops are customized for your in-house equipment Operators.

From basic vacuum knowledge, to a solid understanding of leaks, vacuum, vacuum system function, and helium leak checking techniques, this hands-on training provides practical information to your team.

Recommended for Leak Detector Operators, Production Leads, Quality Personnel and Lab Techs. *Call or email to request a syllabus and Quote!*

New Agilent Leak Detectors

Ready to upgrade your Leak Detectors? Mass 4 Service is a Manufacturers' Rep for Agilent Helium Leak Detectors. We will work with you to determine the best model for your application, test & configure the unit before delivery and provide a short training Q&A upon delivery.
Call for a Quote today!



New Kashiya Roots Rotary Vacuum Pumps

These efficient and quiet dry vacuum roughing pumps are excellent paired with most Leak Detectors. Kashiya Roots-Rotary NeoDry series pumps work exceptionally well in a high-helium background environment.

Low cost-of-ownership for Dry roughing pumps makes them an attractive alternative to scroll pumps. Runtime hours are 26,000-30,000 hours between rebuilds, with rebuild costs similar to Scroll-sets.