

LACO TECHNOLOGIES

PRODUCTION LEAK TESTING

At LACO Technologies, we provide complete custom leak testing solutions uniquely built for your application. Our leak testing methods include helium, pressure decay, mass flow, and other tracer gas techniques. Our expertise ensures that your system is engineered for performance and guarantees the success of your application.

With no part too small or too large, our leak testing systems are built for a variety of applications including automotive components, refrigeration equipment, medical devices, electrical devices and packages, appliances and components, and industrial fluid handling components.

KNOWLEDGE

Our applications engineers review your application in detail, including test requirements, part characteristics, and manufacturing process flow.

RESEARCH

We conduct in-house leak testing of your application free of charge, and provide leak rate specifications or correlate leak rates between leak testing conditions and actual operating conditions.

QUALITY

Our materials, components, and system designs are engineered for high performance and integrated for maximum reliability and minimum cycle time.

SIMPLICITY

Our simple yet intelligent leak testing designs offer easy operation, troubleshooting and maintenance.

CONFIDENCE

Our leak testing systems include integrated calibration capabilities, giving you confidence in your leak test results.

COMMITMENT

We are committed to the success of your application, offering remote or on-site support, training to operators, and maintenance/engineering personnel.



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LEAK TEST SYSTEM FEATURES

- Leak testing to 1×10^{-9} atmcc/sec
- Optimum system design for fast cycle times – as short as 3 seconds
- Fully automated sequencing with either operator or automated part loading/unloading
- Helium leak detection systems feature Alcatel and Inficon helium leak detectors
- Integrated automatic system calibration guarantees reliability and confidence
- System diagnostics offer quick and simple troubleshooting
- High system maintainability: simple design, easy access to equipment
- Robust design for high tolerance to harsh industrial environments

COMPREHENSIVE LEAK DETECTION PRODUCTS AND SERVICES

In addition to production leak testing systems, LACO also offers the following comprehensive leak detection products and services.

- Helium Bombing Systems
- Helium Recovery Systems
- CalMaster™ Gas Leak Standards
- NIST Traceable, ISO/IEC 17025-2005 and ANSI/NCSL Z540-1-1994 Accredited Leak Standard Calibration Service
- In-House Repair Services for Vacuum Pumps and Instrumentation
- Design and Fabrication of Vacuum Components and Chambers
- Low Cost Manual Operated Leak Testing Workstations
- Portable Hand-held Leak Detectors
- Leak Detector Application and Maintenance Training

