

PRODUCT TECHNICAL BRIEF

LeakLab Auto Automated Vacuum-Chamber Leak-Test Systems

LeakLab Auto Automated Vacuum-Chamber Leak-Test Systems - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Product Label	New

Technical and Project Information

Automated helium vacuum-chamber systems for production testing of HVAC, fuel, transmission, pneumatic and other components. Chamber layout, tracer handling, fixtures, cycle time and validated detection limit are engineered for the product.

LeakLab Auto systems perform repeatable integral helium testing with automated loading or manual loading, product evacuation or pressurization, chamber evacuation, measurement, venting and result logging.

- One or more vacuum chambers with product-specific fixtures
- Tracer-gas dosing, optional recovery and safe venting
- Helium detector, reference leak and automated response checks
- PLC sequencing, recipe control and part traceability
- Reject handling, statistics and production-system interface

The former page stated $1 \times 10^{-8} \text{ Pa} \cdot \text{m}^3/\text{s}$ as a general production sensitivity. Actual performance depends on product volume, helium concentration, chamber background, cycle time and fixture leakage and must be demonstrated during acceptance testing.

Specify throughput, availability target, changeover, gauge repeatability and reproducibility study, reference parts, maintenance access and applicable machinery-safety requirements.

- Leak Detectors Leak-Test Systems Portable Helium Leak Detectors Pressure-Change Leak-Test Instruments Helium Mass-Spectrometer Leak Detectors LeakLab Helium Leak-Detector Packages ZQJ-LeakLab-3300 Integration Packages
- Portable Helium Leak Detectors
- Pressure-Change Leak-Test Instruments

- Helium Mass-Spectrometer Leak Detectors LeakLab Helium Leak-Detector Packages ZQJ-LeakLab-3300 Integration Packages
- LeakLab Helium Leak-Detector Packages
- ZQJ-LeakLab-3300 Integration Packages
- Helium Reference Leaks
- Scanning Electron Microscopes
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: LeakLab Auto Automated Vacuum-Chamber Leak-Test Systems

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.