

PRODUCT TECHNICAL BRIEF

LeakLab Atom Vacuum-Chamber Leak-Test System

LeakLab Atom Vacuum-Chamber Leak-Test System -
LeakLab solutions for leak testing, vacuum systems and
test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Product Label	Bestseller

Technical and Project Information

Project-specific helium vacuum-chamber system that can be configured for class-based acceptance under a named customer or industry standard. Leak-rate thresholds, calibration, documentation and personnel requirements are defined contractually.

LeakLab Atom is a configurable stand for integral helium testing of valves, penetrations, sealed components and other critical products. A sniffer method can be added for follow-up localization where the product and procedure permit it.

System scope can include

- Rated chamber, product fixture and pressure or evacuation circuit
- Helium mass-spectrometer detector and reference leak
- Roughing pumps, valves, gauges and background-control sequence
- Automated recipes, data logging and controlled report templates
- Method development, site acceptance and operator training

The source page referenced classes I-V of a Russian standard and implied automatic compliance through a verified detector. For international delivery, the governing standard, class definitions, reject rate, test pressure, tracer concentration, calibration traceability and personnel scheme must be named in the contract. A detector certificate alone does not validate the complete stand or method.

Final sensitivity and cycle time are demonstrated with representative products, reference leaks and defined background conditions.

- 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

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- 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 Atom Vacuum-Chamber Leak-Test System

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