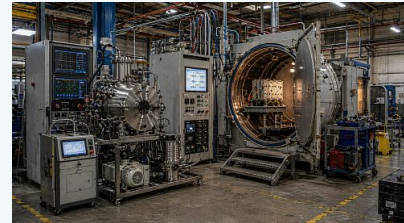


PRODUCT TECHNICAL BRIEF

Vacuum, Leak-Test and Combined-Environment Test Systems

Vacuum, Leak-Test and Combined-Environment Test Systems - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical and Project Information

Custom chambers and test stands for vacuum operation, leak testing and combined environmental exposure of electronic or industrial products. Vacuum, temperature, radiation, humidity and particulate functions are engineered as separate validated subsystems.

LeakLab develops project-specific systems for testing products under vacuum and controlled environmental conditions. A system can combine only those effects required by the test specification.

- Vacuum chamber, pumping, gauges and gas handling
- Helium leak measurement or pressure-change testing
- Heating, cooling and thermal cycling
- Optical or solar-simulation sources
- Humidity, dust or sand exposure in equipment designed for that purpose
- Electrical feedthroughs, load operation and synchronized data acquisition

Not all effects can safely share one chamber. Humidity, dust, high vacuum, intense radiation and thermal cycling impose conflicting material, contamination and safety requirements. The final architecture follows the product qualification plan and risk assessment.

Performance is accepted by defined empty-chamber and loaded tests for pressure, temperature uniformity, ramp rate, instrumentation accuracy and other required parameters.

- Vacuum Components Gas-Filling Stands for Testing KYKY Vacuum Gate Valves Vacuum Bellows Vacuum Test Chambers Vacuum Valves
- Gas-Filling Stands for Testing
- KYKY Vacuum Gate Valves
- Vacuum Test Chambers
- 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: Vacuum, Leak-Test and Combined-Environment 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.