

PRODUCT TECHNICAL BRIEF

KYKY ZQJ Helium Leak Detector, Dry-Backing Configuration

KYKY ZQJ Helium Leak Detector, Dry-Backing Configuration - LeakLab solutions for leak testing, vacuum systems and test equipment.

[Open the current source page](#)



Technical and Project Information

KYKY ZQJ Helium Leak Detector with Dry Backing Pump

This configuration is intended for applications where an oil-sealed backing pump is undesirable, including clean vacuum chambers, electronics, optics and process tooling. Helium is detected selectively by a mass-spectrometer analyzer; vacuum and sniffer methods can be supported when included in the ordered configuration.

Configuration principles

- Dry backing pump selected for chamber volume, gas load and required cycle time.
- High-vacuum analyzer package, inlet valve, gauges and protection logic matched as one system.
- Sniffer probe, reference leak, remote I/O and data interfaces supplied only when specified.
- Final sensitivity, maximum test-start pressure, response time and pump-down time are guaranteed by the approved configuration sheet.

Removing oil from the backing stage reduces the risk of hydrocarbon backstreaming, but it does not make every internal component lubricant-free. Gas compatibility, exhaust handling, purge requirements and maintenance intervals must be checked for the process.

Calibration or verification can be arranged where contractually specified. The responsible laboratory, method, uncertainty, traceability chain and legal status depend on the destination country and are not implied by the product name.

- 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: KYKY ZQJ Helium Leak Detector, Dry-Backing Configuration

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