

PRODUCT TECHNICAL BRIEF

LeakLab Lite Integrable Helium Mass-Spectrometer Leak Detector

LeakLab Lite Integrable Helium Mass-Spectrometer Leak Detector - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Minimum detectable signal stated for the source configuration	$3 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$
Maximum test-start pressure stated in the source configuration	2,000 Pa
Response / startup values stated in the source configuration	As fast as 0.3 s / up to 100 s for a selected module; final values are configuration-dependent
Envelope stated in the source record	420 × 359 × 275 mm
Control	Manual or automated; remote display and data functions available by project

Technical and Project Information

Compact helium mass-spectrometer module for integration into automated leak-test systems and service equipment. Guaranteed sensitivity, pumping package, interfaces and cycle performance are defined for the ordered configuration.

LeakLab Lite Integrable Helium Leak Detector

LeakLab Lite is a compact mass-spectrometer platform for vacuum-method measurement and automated helium leak-test equipment. It can be integrated into stations for small components, cryogenic-service tooling and other application-specific systems.

The former page mixed specifications from more than one analyzer and backing arrangement. The approved system specification must identify the analyzer, turbomolecular pump, backing pump, inlet conductance, vacuum and sniffer ranges, power, interfaces and supplied accessories.

The module is not a substitute for a chamber roughing station. Large test volumes normally require an external backing or auxiliary pump sized for the required cycle time.

- 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 Lite Integrable Helium Mass-Spectrometer Leak Detector

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