

PRODUCT TECHNICAL BRIEF

KYKY ZQJ-3200 Helium Mass-Spectrometer Leak Detector

KYKY ZQJ-3200 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 leak	$5 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$
Measurement range	5×10^{-13} to $1 \times 10^{-1} \text{ Pa} \cdot \text{m}^3/\text{s}$
Maximum test-start pressure	2,500 Pa
Response / startup	$\leq 1 \text{ s}$ / $< 3 \text{ min}$
Helium pumping speed	2.5 L/s
Gross-leak capability	Operation at foreline pressure up to 10,000 Pa is described by KYKY
Ion source	Two independent yttria-coated iridium filaments
Communication	Digital I/O, Profibus and network communication listed by the manufacturer
Dimensions / weight	543 × 421 × 359 mm / 55 kg benchtop; 733 × 528 × 935 mm / 109 kg cart
Product Label	Promotion

Technical and Project Information

Fast helium leak detector in benchtop or cart form. The ZQJ-3200 covers 5×10^{-13} to $1 \times 10^{-1} \text{ Pa} \cdot \text{m}^3/\text{s}$, starts in under three minutes and provides automation interfaces for production or laboratory systems.

The ZQJ-3200 is designed for vacuum-method measurement and, with the appropriate accessory, sniffer localization on pressurized objects. It combines a turbomolecular analyzer system, automatic pressure-dependent mode control and a color touch interface.

Final performance depends on the backing configuration, inlet conductance, sniffer line and test volume. Confirm the exact version, flange, pump, mains supply, interfaces, calibration equipment and accessories before ordering.

- 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: KYKY ZQJ-3200 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.