

## PRODUCT TECHNICAL BRIEF

# KYKY ZQJ-3200 Helium Leak Detector with Optional Calibration Package

KYKY ZQJ-3200 Helium Leak Detector with Optional Calibration Package - LeakLab solutions for leak testing, vacuum systems and test equipment.

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## Technical Data

| PARAMETER                            | PUBLISHED VALUE / INFORMATION                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------|
| Minimum detectable leak, vacuum mode | $5 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$                               |
| Measurement range                    | $5 \times 10^{-13}$ to $1 \times 10^{-1} \text{ Pa} \cdot \text{m}^3/\text{s}$         |
| Maximum test-start pressure          | 2,500 Pa                                                                               |
| Response time                        | $\leq 1 \text{ s}$                                                                     |
| Startup time                         | <3 min                                                                                 |
| Helium pumping speed                 | 2.5 L/s                                                                                |
| Analyzer                             | Two independent yttria-coated iridium filaments                                        |
| Data and automation                  | SD storage, digital I/O, Profibus and network communication listed by the manufacturer |
| Dimensions                           | 543 × 421 × 359 mm benchtop; 733 × 528 × 935 mm cart                                   |
| Weight                               | 55 kg benchtop; 109 kg cart                                                            |
| Product Label                        | Bestseller                                                                             |

## Technical and Project Information

Benchtop or cart-mounted helium mass-spectrometer leak detector for vacuum and sniffer testing. The manufacturer specifies a  $5 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$  minimum detectable leak, measurement up to  $1 \times 10^{-1} \text{ Pa} \cdot \text{m}^3/\text{s}$  and startup in under three minutes.

### KYKY ZQJ-3200 Helium Leak Detector

The ZQJ-3200 is a helium mass-spectrometer leak detector for quantitative vacuum testing and leak localization. This offer can include a contract-specific calibration or verification package; the exact accreditation scope, jurisdiction, documents and acceptance criteria must be agreed before ordering.

KYKY also describes a gross-leak mode that can operate at foreline pressure up to 10,000 Pa. Confirm the selected backing pump, inlet flange, sniffer package, mains version, interfaces and supplied documents in the order specification.

A calibration or verification statement is not automatic evidence of legal metrological status in every country. The applicable laboratory, method, reference leak, uncertainty and reporting format must be specified for the destination market.

- 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](mailto:mail@leaklab.org)

Regarding: KYKY ZQJ-3200 Helium Leak Detector with Optional Calibration Package

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