

PRODUCT TECHNICAL BRIEF

ULVAC HELIOT 900 Helium Leak Detector with Optional Calibration Package

ULVAC HELIOT 900 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	$<5 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$
Tracer gases	^4He and $^2\text{H}_2$
Helium inlet pumping speed	5 L/s in Ultra mode; >1 L/s in Fine mode
Test port	NW25
Startup	<2 min in the product specification; calibration settings can extend readiness time
Operator interface	7-inch wireless tablet
Interfaces	RS-232C, RS-485, analog output and digital I/O
Languages listed by ULVAC	English, Japanese, Korean, Chinese, German and Spanish
Operating environment	10-40 °C; 35-85% RH, non-condensing
Acoustic noise	$\leq 70 \text{ dB(A)}$
Power	100-120 or 200-240 V AC, 50/60 Hz, model-dependent

Technical and Project Information

Helium mass-spectrometer leak detector available with oil-sealed or dry backing configurations. ULVAC specifies sensitivity below $5 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$, a 7-inch wireless tablet interface and vacuum or sniffer testing.

ULVAC HELIOT 900 Helium Leak Detector

The HELIOT 900 series detects ^4He and $^2\text{H}_2$ and supports quantitative vacuum testing and sniffer localization. Models are available with oil-sealed rotary-vane or dry scroll backing pumps and with integrated or cart-mounted layouts.

Dimensions, mass, backing speed and pump type depend on the exact 901/904 and W/D version. Select the model from the current ULVAC datasheet and specify sniffer probe, inlet accessories, cart, cables and reference leak separately.

A contract can include calibration or verification services. The applicable laboratory, scope, uncertainty and legal status must be stated explicitly for the country of use; this page does not claim automatic registration in any national instrument register.

- 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: ULVAC HELIOT 900 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.