



## Helium Leak Detector UL5000

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### Defining Speed and Accuracy in Leak Detection

The INFICON UL5000 Helium Leak Detector is designed to meet the most critical and demanding leak detection applications. Featuring INFICON proprietary software algorithms I-CAL and Hydro-S in a field-proven vacuum design, the UL5000 provides testing flexibility, high sensitivity and quick accurate results making any leak detection application fast and easy.

The UL5000 delivers fast response times in all measurement ranges and extremely short cycle times in reaching test conditions and final results. The specially designed vacuum architecture provides the continuous high helium pumping speeds and the extremely fast response times you demand.



## FEATURES

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- •HYDRO-S (\*HYDRO\*gen-\*S\*uppression) to enable test conditions to be reached quickly.
- •I-CAL (Intelligent - \*C\*alculation \*A\*lgorithm for \*L\*eak Rates) to ensure fast response to leaks in all measurement ranges.
- •The field-proven INFICON magnetic sector mass spectrometer for years of accurate and repeatable results in a trouble-free, maintenance-free design.
- •A special multiple inlet turbomolecular pump that provides optimized high helium pumping speeds with high helium compression at all pressures to deliver excellent sensitivity, response, and fast clean-up.
- •A rotatable display / control interface and optional remote hand controller for operational flexibility.
- •Self-protection features to protect the UL5000 from helium and particulate contamination and even an auto-purge cycle to ensure the UL5000 is ready when you need it.
- •Access control to the unit and system software can be enabled via the software to prevent unauthorized use or unintended modifications to test set-ups.
- •Software updates via e-mail to keep your UL5000 at optimum performance.
- • Work Station Design with an optimal height work surface that includes an ESD mat and tool box for testing convenience.
- •3-Year Ion Source Warranty



[www.inficon.com](http://www.inficon.com)    [reachus@inficon.com](mailto:reachus@inficon.com)

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