

Differentiated Leak Test Solutions

Vacuum Instruments Corporation, LLC offers advanced design thermal leak detection solutions that are accurate, robust and cost-effective along with providing the industry's fastest delivery times

Base System - market recognized for robustness and durability

- **Ruggedized 'A' frames** providing ease of component mounting and support
- **SST vacuum chamber(s) & high conductance valving** longer lasting with faster cycle times
- **Complete PLC electrical packaging** featuring state-of-the-art HMI interfacing.
- **Chamber mounted calibrated gas leak(s)** provide accurate test qualification on each cycle along with complete system automatic calibration routine



Tracer Gas Leak Detector – VIC, LLC Manufactured

- VIC, LLC's **own** MD and MS Series Leak Detectors are at least 1000 times more sensitive than other leak detection methods
- **Fully interactive system diagnostics** include critical parameters such as run times, operating voltages/currents and pressures

Customized Tooling – the link from the product to system

- **Ergonomic** interchangeable fixture pallet replacements
- **Proprietary IHX capture technique** completely tests the entire Co-Axial sections
- **Stationary seal blocks** eliminates tubing flex improving reliability and reduced downtime
- **Full tooling commonality** for flexible parts with identical end-fittings



Gas Handling - VIC, LLC offers charging, mixing, boosting and recovery units

- **Valving contained in vented enclosures** ensuring reduced tracer gas background
- **Built-in pre-testing parameters** such as pressure/vacuum decay, proof and gross leak ensuring all large leaks are handled properly
- **Custom configurable** to the specific gas handling requirements
- **Built-in final testing parameters** such as venting, flutter and recovery routines eliminating tracer gas background issues



VIC LLC's systems support all the extra's required to complete your test

- Safety items including light curtains, photoelectric sensors, guarding and interlock gates.
- System ergonomics like operator fans, lights, start buttons, fitting and cup holders.
- Bar code scanning with verification, data logging and label printing.
- Gateway and linking device compatible.
- Physical part marking using lasers, punches and ink stamping.

Typical Thermal Applications

Condenser Evaporator Compressor AC Hose
Accumulation Dryer Combo Cooler Heater Core
Radiator Heat Exchanger Receiver Dryer
Battery Cooling/Heating Plate Fin Heat Exchanger

And Many Others

"Total customer service and application support are as important to manufacturing operations as product performance and reliability. VIC Leak Detection, with the world's largest base of installed leak detectors, provides total customer support."



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