

ScepterSM Specifically Designed for Thermal Leak Detection Applications

A standardized solution for thermal leak testing equipment

Offering

- Industries fastest delivery times
- IHX Patent pending technology
- Over 30 years of custom leak detection manufacturing packaged into the ScepterSM
- Market recognition for the most robust and accurate leak test systems
- Flexible tooling designs

Standardized components selected

- Chamber and Frame
- VIC, LLC's MD-490M Leak Detector
- Chamber Pump Package
- Gas Handling Cabinets
- Electrical Package
- Controls and Operator Interface Package
- Chamber Mounted Calibrated Gas Leak

Specification example for AC Hose assemblies

- Test Chamber Dimensions - 54" w x 30" h x 18" d
 - Leak Rate - 2×10^{-5} atm-cc/sec He
 - Tracer Gas Test Pressure - 200-300 psig
 - One Part/Cycle Production Rate - 120/hour (two parts per chamber per test)
 - Chamber Type - dual alternating automatic sliding door type with SST chambers
- (Note: Specifications can be customized to meet your applications requirements.)
(Note: Systems configured as single, dual alt., dual ind., SC or DC test and IHX configurations.)

Customized tooling – the link from the product to system is integral to the test

- Ergonomic designs
- All single-piece seal blocks for improved reliability and reduced downtime
- Reduced clamp set weight
- Interchangeable fixture pallet replacements
- Compact, compliant, and durable floating mounts

Features:

- System Frames and Chambers Ready To Go
- VIC, LLC is the leak detector manufacturer
- Interchangeable Fixture Pallets
- Reduced Clamp Set Weight
- Robustness
- Accurate

Benefits:

- Industries fastest delivery times
- Single source for the heart of the system
- Test different size parts in the same chamber
- Ergonomic design eases operators manual load
- Rugged 'A' frame system design
- Stringent R&R study approved



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



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