

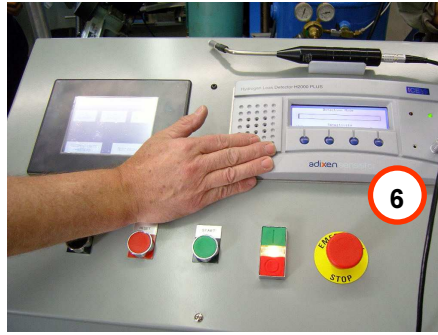


The **VTech 75 Multifunction Leak Test System** is designed for leak testing of coils and other components, or sealed refrigeration systems, in a production environment. The system performs an automatic pressure decay leak test, followed by a vacuum cycle and tracer gas filling prior to manual sniffing with commercial leak detectors including popular models such as Inficon ISH2000 (Hydrogen) and P3000XL (Helium) or other brands. The VTech 75 is highly customizable both in its composition and operating cycle, allowing each user to adapt the base configuration to their specific needs, including 1-4 simultaneous part tests, single or split configuration, leak back and operator protection devices.

MAIN FEATURES:

- **Industrial:** built from primarily commercial components creates greater reliability and parts availability
- **Accurate** high-resolution pressure transducers vs. gauge and water-bubble techniques
- **Customizable:** wide selection of options to create the right configuration for every process

Equipment Features



1. 6, 8 or 10" Color Touch Screen User Interface
2. Test Gas Filling Hose
3. Heavy Duty Cart (optional)
4. Barcode Scanner (optional)
5. Stack Light (optional)
6. Hydrogen Leak Detector
7. Helium Leak Detector

Additional Options:

- Vacuum Pump
- Data management and process traceability
- Safety enclosures for operator protection (see front and below)

Product Selection Guide

The VTech 75 is available in multiple configurations to meet virtually any production requirement based on test pressure, productivity and equipment layout:

Model	Pressure Decay	Tracer Gas Fill	Max. Test Pressure	No. of Parts Tests
VTech 75 LP	Yes	Yes	250 psig	1-4
VTech 75 HP	Yes	Yes	3,000 psig*	1-2
VTech 75 Split	Yes	Yes	3,000 psig*	1

*With Protective Enclosure

Equipment Specifications

Tracer Gas Type	Hydrogen/Nitrogen (5%/95%), Helium
Pressure Decay Test Resolution	± 70 Pa (0.010 psi) @ 3.4 MPa (500 psi)
Hydrogen Leak Test Resolution	5 x 10 ⁻⁷ mbar * l/s*
Helium Leak Test Resolution	1 x 10 ⁻⁷ mbar * l/s*
User Interface	Color Touch Screen
Control	PLC
Cycle presets (recipes)	50 (expandable to 200)
Dimensions	52" x 48" x 24"
Weight	130 lbs.
Power supply	115V 1 phase 60 Hz (others on request)



*Depending on test conditions