

# Leak Testing Solutions

For Cost Effective, Quality Manufacturing

## Leak Test Stations

These versatile systems provide a wide range of leak testing options in an automated, PLC controlled test cycle. A proof pressure test, pressure decay test, flow test, and leak test can be configured and automatically sequenced to provide a comprehensive leak test process. Utilizing DataServ.NET, our PC based, internet accessed data acquisition and process control system creates a very effective tool to monitor and improve your process and product quality. These systems operate from either a local test gas supply, or in conjunction with our centralized Leak Test Gas Recycle System.

## DataTest NH150

### Proof, Leak, Flow Test Station Features

- Allen Bradley PLC and PanelView® O/I
- Dell PC with Windows XP®, 17" flat screen LCD, 10/100 NIC, CDRW
- DataServ.NET web enabled data acquisition and report generation software
- Hand-held CCD or RF bar code scanner
- Industrial service control valves
- Venturi vacuum pump
- English or Spanish display

#### Automatic test cycle can include:

- Proof pressure test
- Pressure decay test
- Capillary flow test (optional)
- Helium leak test
- Water line flow test (optional)
- Test gas vent (recovery optional)
- Final evacuation

All unit test data, including model #, serial #, time/date stamp, starting, test, and ending pressures, leak locations, flow rates, and pass/fail code is recorded to a data file.



#### Dimensions

63" H x 36" W x 24" D

#### Utility Requirements

Electric: 120V, 20A  
 Nitrogen: Pressurized supply to meet pressure test requirements  
 Helium: Pressurized supply to meet volume requirements  
 Air: 80 psig shop air

## AccuTest NH100

### Leak Test Station

#### Features

- Allen Bradley PLC and Operator Interface
- Industrial service control valves
- Venturi vacuum pump
- English or Spanish display

#### Automatic test cycle can include:

- U.L. pressure test
- Pressure decay test
- Capillary flow test (optional)
- Helium leak test
- Water line flow test (optional)
- Test gas vent (recovery optional)
- Final evacuation



#### Dimensions

18" H x 18" W x 18" D

#### Utility Requirements

Electric: 120V, 20A  
 Nitrogen: Pressurized supply to meet pressure test requirements  
 Helium: Pressurized supply to meet volume requirements  
 Air: 80 psig shop air

## Inficon Protec P3000

Combining a Inficon Protec P3000 Leak Detector with our NH100 or 150 Test Stations will provide you with a complete, automatic, efficient and economical leak testing solution.



#### Features

- New Wise Technology eliminates turbomolecular pump
- New low maintenance sensor yields high reliability and low cost of ownership
- Built-in calibrated leak
- Multiple alarm functions include flashing light on probe, red background on probe screen, probe vibration, and an audible alarm.
- Ergonomic probe with built-in screen and illuminating tip
- Configurable testing protocols ensures operator completes all test points
- Individual and cumulative leak rates displayed

Call your local Inficon representative for more information and a demonstration.  
**Inficon USA 1-315-434-1100**



**SERV-I-QUIP, INC.**

127 Wallace Avenue  
 Downingtown, PA 19335 U.S.A.  
 610-873-7010  
 Fax 610-873-7151  
 www.siqinc.com

# Leak Testing Solutions For Cost Effective, Quality Manufacturing

## HLTG Leak Test Gas Recycle System

These systems automatically generate a precise mixture and volume of tracer gas for leak testing your product or components. Six available models accommodate low pressure (up to 150 psig) or high pressure (up to 300 psig) leak testing on assembly lines requiring 10 scfm to 45 scfm of test gas. Leak testing with helium has become the standard for many manufacturers who prefer the smaller leak detection capability and quicker response time of helium leak detectors. The HLTG systems deliver a quality source of helium leak test gas while providing an economical solution to increasing helium costs (see graph).



## HLTG

### Features

- Industrial, oil free compressors
- Allen Bradley PLC/PanelView® O/I
- Twin tower regenerative drier maintains gas at -40° F dew point
- Digital gas analyzer regulates gas to ± .1% of desired composition
- Automatic oil removal
- On-board or remote tracer gas storage tanks
- Detailed process questionnaire and experienced engineers available to size a system to meet your needs
- Combine with Leak Test Stations and Sniffer for a comprehensive, turn-key leak test process
- Startup supervision, operation, and maintenance training included

### Dimensions

8' H x 7'8" W x 14' D

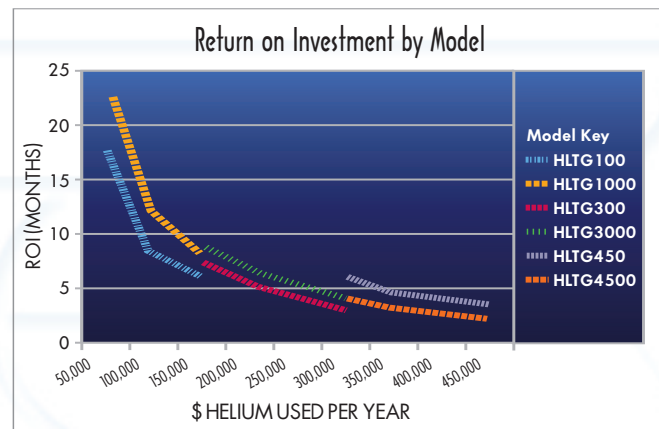
### Utility Requirements

Electric: 460V, 3Ø, 60A

Air: Dry air, 60 psig min.

Water: City water or chilled water supply

Helium: Pressurized supply



- HTLG 100** Capacity: 10 scfm, 50-150 psig test pressure. Application examples: low to mid size refrigerator manufacturers, ice machine manufacturers, hose manufacturers, small auto parts.
- HTLG 1000** Capacity: 10 scfm, 150-260 psig test pressure. Application examples: same as HLTG 100.
- HTLG 300** Capacity: 30 scfm, 50-150 psig test pressure. Application examples: mid-volume coil manufacturers, low to mid volume residential a/c, low volume commercial a/c.
- HTLG 3000** Capacity: 30 scfm, 150-300 psig test pressure. Application examples: same as HLTG 300.
- HTLG 450** Capacity: 45 scfm, 50-150 psig test pressure. Application examples: large coil manufacturers, high volume residential a/c and mid to high volume commercial a/c.
- HTLG 4500** Capacity: 45 scfm, 150-260 psig test pressure. Application examples: same as HLTG 450.

Call Today For  
Our NEW Catalog!  
**610-873-7010**



**SERV-I-QUIP, INC.**

127 Wallace Avenue, Downingtown, PA 19335 U.S.A. 610-873-7010 • Fax 610-873-7151 • www.siqinc.com