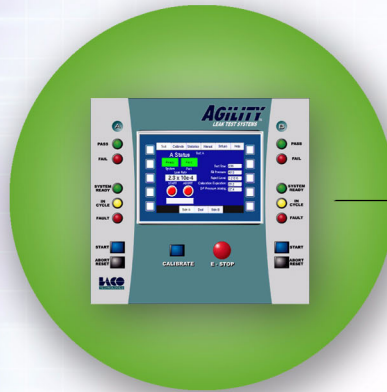
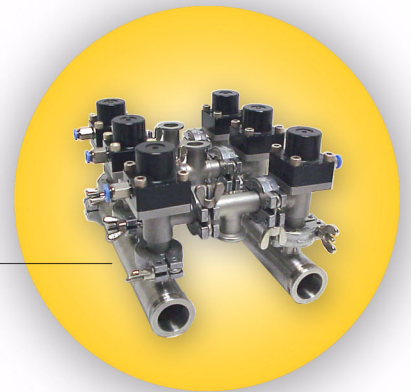


# AGILITY™

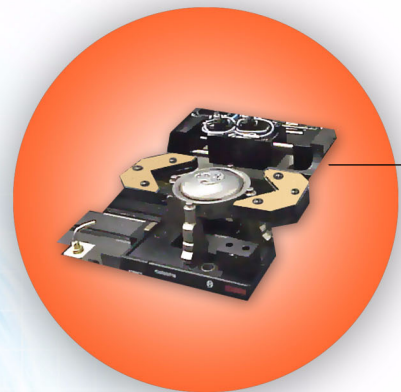
## LEAK TEST SYSTEMS



INNOVATIVE CONTROL SYSTEM



HIGH PERFORMANCE HARDWARE



ENGINEERED TOOLING

**It's a Whole New Ball Game.**

# AGILITY™ LEAK TESTING SOLUTIONS: A WHOLE NEW BALL GAME IN PRODUCTION LEAK TESTING.

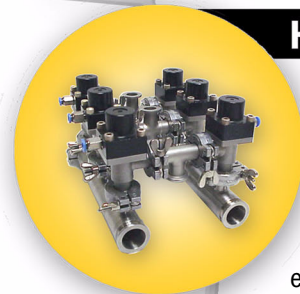
A true breakthrough for end users and system integrators, LACO Technologies has created a whole new concept in production leak testing. With Agility™ Leak Test Systems end users can say goodbye to expensive, unreliable, and difficult to maintain leak test systems. System integrators will welcome the Agility™ Building Blocks, a standard yet flexible and configurable control system that is fully developed to handle most production helium leak testing applications. With this control system working together with the highest quality hardware and tooling, Agility™ will change the way you think about helium leak testing.

## CONTROL SYSTEM



The heart and soul of Agility™ Leak Test Systems is our innovative controller. With a reliable, proven hardware platform, configurable software, and a graphical user interface (GUI), we've built a control system that automates the complete production helium leak test process.

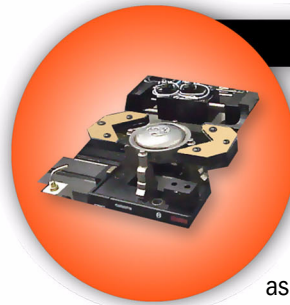
## HARDWARE



Our systems integrate the best hardware on the market, from compact, engineered valve manifolds to our reliable CalMaster™ calibrated leak standards to the most dependable and high performance helium mass spectrometer leak detectors.

With Agility™ Building Blocks we'll create a system like you've never experienced.

## TOOLING



Our depth of engineering experience, particularly in vacuum technology, ensures your tooling is properly designed for performance and long life—whether your part is the size of an eraser head or as large as an automobile.

### HIGH PERFORMANCE

- Fast cycle times
- Reliable test results
- High leak rate sensitivity

### FLEXIBLE

- Configurable software
- Integrates with a variety of leak test hardware
- Capable of testing parts of all sizes

### RELIABLE

- Standard, proven software
- Automatic system calibration provides confident test results
- Gross leak protection to increase uptime

### INFORMATIVE

- Ethernet connectivity for test data logging
- On screen test statistics
- Graphical user interface

### EFFICIENT

- Lower cost compared to traditional systems
- Shorter delivery times
- Small footprint on standard system designs
- Optimized, compact vacuum circuit

### EASY TO MAINTAIN

- Easy access to hardware components
- Minimal tools required for maintenance
- Simple software troubleshooting



## APPLICATIONS

### AUTOMOTIVE/ TRANSPORTATION

Air conditioning compressors, condensers, evaporators, manifolds and lines, fuel injectors, heat exchangers, aluminum rims, airbag inflators and igniters, gas tanks, radiators, brake lines, and more

### REFRIGERATION/AC

Compressors, evaporators, condensers, heat exchangers and dryers

### MEDICAL

Catheters, implants, blood filters, hermetically sealed packaging, blister packs

### ELECTRONIC

Light bulb and tube manufacturing, circuit breakers and transformers, devices, packages

### AEROSPACE

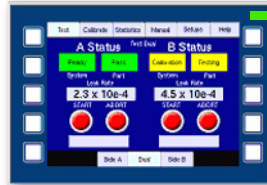
Fuel tanks, pumps, hydraulic components, instrumentation

### APPLIANCE

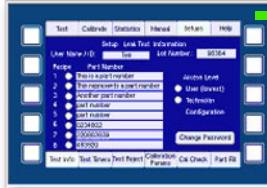
Valves, manifolds, filters, storage tanks, gas meters, water heaters

### INDUSTRIAL

Fire extinguishers, regulators, valves, gas cylinders, pumps



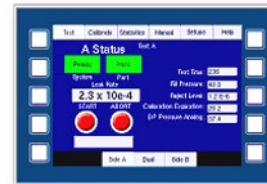
DUAL TEST SCREEN



RECIPE SETUP SCREEN

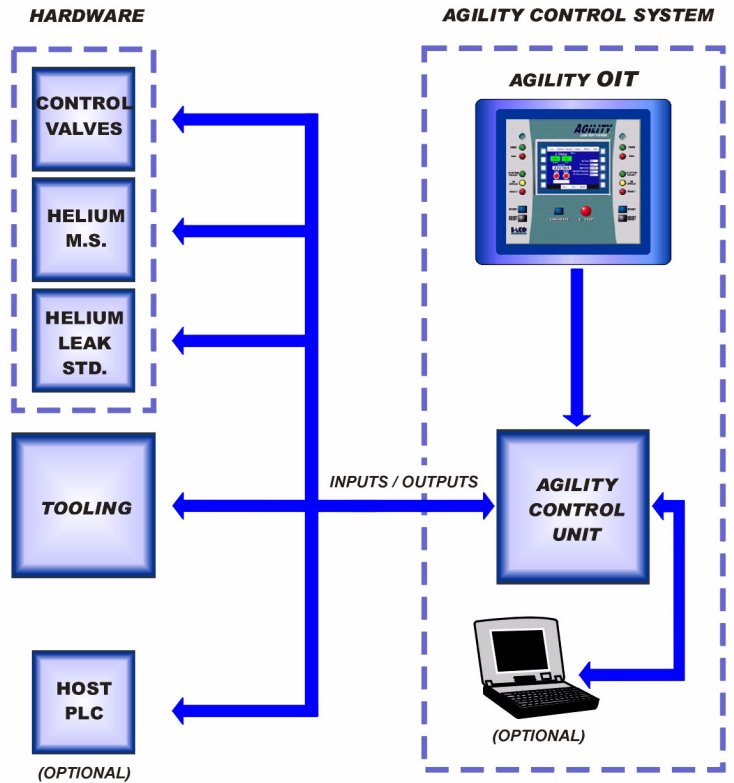


STATISTICS SUMMARY SCREEN



SINGLE TEST SCREEN

## BLOCK DIAGRAM



## CONTROL SYSTEM

### AGILITY™ CONTROL UNIT

- Automated control of vacuum helium leak testing
- ARM microprocessor with serial, Ethernet and up to 104 I/O
- Interface with host PLC as required
- Packaged for DIN rail mount or in dedicated enclosure

### AGILITY™ OPERATOR INTERFACE TERMINAL (OIT)

- Color touch screen display, indicator lights and operator buttons all in one package

### AGILITY™ SOFTWARE

#### PROCESSOR SOFTWARE MODULE

- Configurable for multiple hardware and process sequence options
- Test recipes selected by operator or via PLC
- Part tracking, test statistics, and data logging

#### WINDOWS™ SOFTWARE MODULE

- Enables connectivity of PC or Laptop to Control Unit via Ethernet



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