

Agilent C15 Industrial Component Leak Detector

Ease of Integration, Communications Flexibility, Industrial Robustness,
and Supportability for today's industrial integration market



Agilent C15

Industrial Component Leak Detector

The C15 Component Leak Detector simplifies the complex task of leak detection integration by raising the standard for Ease of Integration, Communications Flexibility, Industrial Robustness, and Supportability for today's industrial integration market.

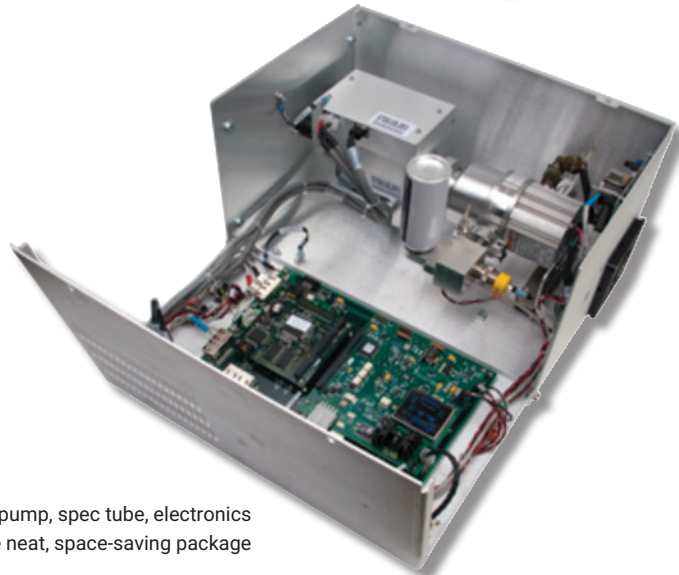
Ease of Integration

One Box, Simple Interface

- Compact housing minimizes space requirements everything needed to do the job is located within one box. Over 50% reduction in space when compared to competitive systems
- Simplified interface with only two cables required, one for power, one for communications
- Does not require mounting modules or bulky, expensive interconnecting cables that are found standard in most leak detection systems today



Only two cables required



Turbo pump, spec tube, electronics all in one neat, space-saving package

Communications Flexibility

Limitless Communication Options

- Most comprehensive array of interface options, including serial, discrete I/O and Profinet®. Other interface options to be made available when required.
- Optional color touch screen display allows access to system status information and all operating parameters





Industrial Robustness Rugged, Compact Design

- Critical leak detector components are safely housed in a single enclosure protecting them from the industrial environment
- Selectable sensitivity scales and a Contra-Flow vacuum design ensures fast, accurate measurements while maximizing protection from contamination in industrial applications

*Small, compact, self-contained
footprint inside your system*

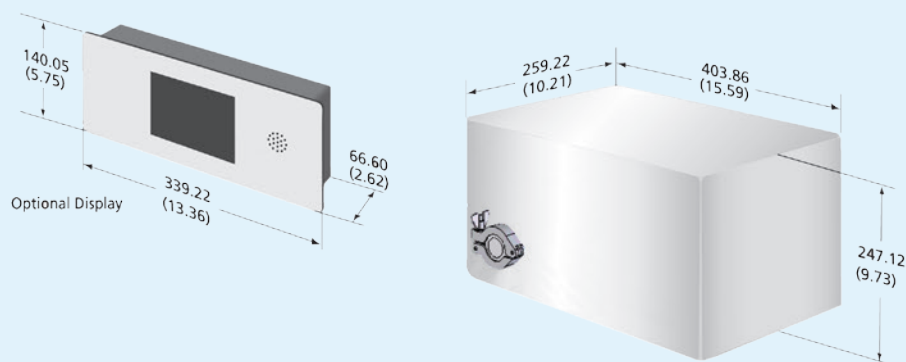


Supportability

Easy Service plus Remote Access Capability

- Single housing with easy access to all critical components
- Automatic upload/download of setup parameters
- Supported by Agilent's industry leading Advanced Exchange Program when system replacement is required minimizing downtime
- Integrators team with Agilent's Global Support Network to access the leak detector remotely utilizing Agilent's RemoteCare to perform analysis for proactive system reviews or rapid problem resolution

Technical Specifications



UL/CSA, CE Approved

Dimensions: millimeters (inches)

Technical Specifications	
Minimum Detectable Leak	5 x 10 ⁻¹⁰ atm · cc/sec; 5 x 10 ⁻¹⁰ mbar l/s; 5 x 10 ⁻¹¹ Pa m3/sec
Selectable Sensitivity Ranges	4 working ranges covering 1 x 10 ⁻³ – 1 x 10 ⁻⁹ atm · cc/sec Torr
Maximum Test Port Pressure	5 Torr, 7 mbar, 667 Pa
Calibration Routine	Automated or manual (internal or external)
Internal Calibrated Leak	~1 x 10 ⁻⁷ atm · cc/sec (scalable across all leak ranges)
Background Suppression	Auto zero, and auto zero < zero function
Display Interface (optional)	High clarity TFT color touch screen
Display – Selectable Languages	English, French, German, Spanish, Japanese, Korean, Mandarin
Set Points	5 set points: 4 leak rate and/or pressure, 1 audio
Analog Output	0-10V, log 1V/decade & 2V/decade and linear (DB-9F)
Serial Interface	RS-232 isolated interface @9600 baud (DB-9M)
Discrete I/O	Optically isolated, 5-24VDC outputs and inputs (DB-25S)
Networking Interface (optional)	Profinet® I/O option (RJ45)
Power Input	24VDC power input: 24VDC; ±5%, maximum current: 4A
Operating temperature	+5 – +50 °C

Ordering Information	
Description	Part Number
C15 Base Unit (9 kg. 19.8 lbs.)	G8603A
Options/Accessories	
Display and display cable – 10 ft.	VSC15DU
Display Cable – 10 ft.	VSCDUC10
24V External Power Supply	VSC15PS
Power Cord for Power Supply – 8 ft.	VSCBUPC8
Remote Gauge Cable – 10 ft. (convectorr gauge sold separately)	L91223010
Remote Gauge Cable – 25 ft. (convectorr gauge sold separately)	L91223025
Profinet® Interface Card – factory installed	VSCFACP
Profinet® Interface Card – field installed	VSCFLDPN

The Agilent Advantage: maximizing productivity and uptime

Global Applications Support

Expertise When and Where You Need It

- Native language specialists available locally worldwide
- Application specific consulting
- More than 10,000 installed systems delivering application solutions to customers in a broad range of industries



High Performance Instruments

Agilent HLD Leak Detectors

- Easy to Use
- Powerful
- Versatile
- Dependable
- Truly Portable



Industry Leading Service & Support

Get The Most From Your Investment

- Most extensive network of service engineers available locally to meet your needs
- Exchange inventory for replacement components
- On-site or factory repair
- Full range of standard and customized support plans



Learn more:

www.agilent.com/chem/C15componentleakdetector

Buy online:

www.agilent.com/chem/store

Contact Us:

U.S. and Canada (toll free):

+1 800 882 7426

vpl-customer care@agilent.com

Europe: (toll free):

+00 800 234 234 00

vpt-customer care@agilent.com

China (toll free):

400 8206778 (mobile)

800 8206778 (landline)

contacts.vacuum@agilent.com

Asia Pacific:

inquiry_lsca@agilent.com

Other countries:

+39 011 9979 132

This information is subject to change without notice.

© Agilent Technologies, Inc. 2020
Published in the USA, March 16th, 2020
5994-1835EN
DE499456018

