



**Agilent VS C15  
Industrial Component  
Leak Detector**



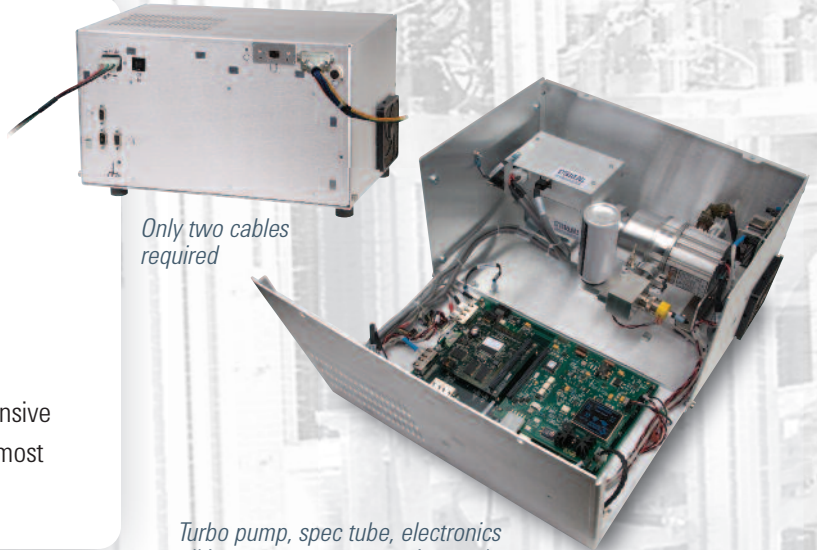
# VS C15 – Industrial Component Leak Detector

The VS 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



# Leak Detection Integration Made Easy

## 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*



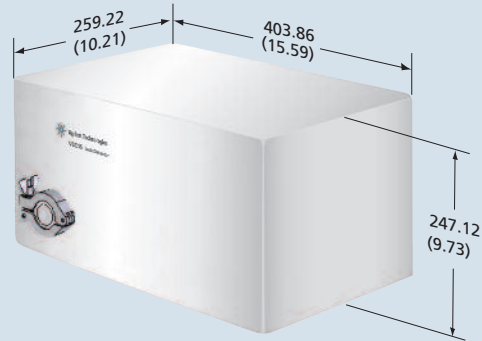
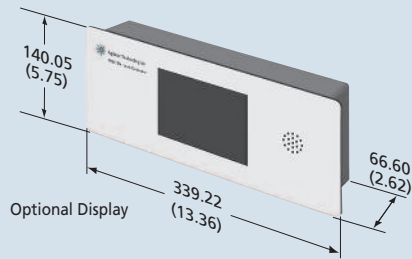
## Supportability

### *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	$5 \times 10^{-10}$ atm · cc/sec; $5 \times 10^{-10}$ mbar l/s; $5 \times 10^{-11}$ Pa m <sup>3</sup> /sec
Selectable Sensitivity Ranges	4 working ranges covering $1 \times 10^{-3}$ – $1 \times 10^{-9}$ 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	$\sim 1 \times 10^{-7}$ 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
VS C15 Base Unit (9 kg.   19.8 lbs.)	VSC15BU
<b>Options/Accessories</b>	
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	VSCFACPN
Profinet® Interface Card – field installed	VSCFLDPN



# The Agilent Advantage



## 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

*VS Series Leak Detectors*



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

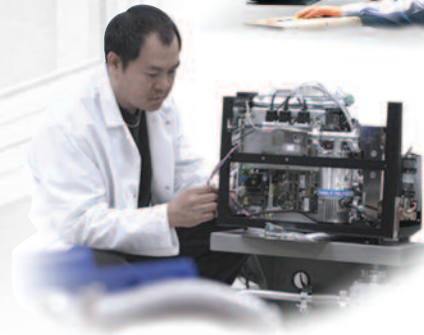
*Maximizing  
Productivity  
and Uptime*



## 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



# Service & Support

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## Learn more:

[www.agilent.com/chem/leakdetection](http://www.agilent.com/chem/leakdetection)

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