Agilent 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.

**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.

**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

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>VS C15 Base Unit (9 kg.</td>
<td>19.8 lbs.)</td>
</tr>
<tr>
<td><strong>Options/Accessories</strong></td>
<td></td>
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<tr>
<td>Display and display cable – 10 ft.</td>
<td>VSC15DU</td>
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<tr>
<td>Display Cable – 10 ft.</td>
<td>VSCDUC10</td>
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<tr>
<td>24V External Power Supply</td>
<td>VSC15PS</td>
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<tr>
<td>Power Cord for Power Supply – 8 ft.</td>
<td>VSCBUPC8</td>
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<tr>
<td>Remote Gauge Cable – 10 ft. (convector gauge sold separately)</td>
<td>L91223010</td>
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<tr>
<td>Remote Gauge Cable – 25 ft. (convector gauge sold separately)</td>
<td>L91223025</td>
</tr>
<tr>
<td>Profinet® Interface Card – factory installed</td>
<td>VSCFACPN</td>
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<tr>
<td>Profinet® Interface Card – field installed</td>
<td>VSCFLDPN</td>
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</tbody>
</table>

Technical Specifications

- **Minimum Detectable Leak**: $5 \times 10^{-10}$ atm · cc/sec; $5 \times 10^{-10}$ mbar l/s; $5 \times 10^{-11}$ Pa m³/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
Maximizing Productivity and Uptime

The Agilent Advantage

High Performance Instruments
VS Series Leak Detectors
- Easy to Use
- Powerful
- Versatile
- Dependable
- Truly Portable

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

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

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