



Valve-Squeak™

Technology Breakthrough in Leak Detection

*Leaking valves are costing
you millions of dollars. . .*

Designed for operations and maintenance personnel to perform frequent valve checks in their units, *Valve-Squeak™* is an easy-to-use through-valve loss detection system. Small enough to fit in your pocket, *Valve-Squeak™* isolates leaks of any size and in any valve and saves your company thousands, if not millions, of dollars.

Why Valve-Squeak™?

- Locates leaks in valves including PSV, RV, CV and all others
- Used worldwide in refineries, chemical plants and offshore platforms
- Realizes plant savings ranging from \$500,000 to \$5,000,000/year* (Even leaks in a small valve can result in significant losses)
- ROI is in the first use
- Identifies losses rapidly
- Eliminates excessive flaring



*Check a valve in 10 seconds or less!
Save MILLIONS of dollars!
Advance Maintenance Planning*



Save time and money by:

- Drastically cutting "sellable" gas losses
- Reducing turnaround time
- Maintaining plant integrity and safety
- Significantly cutting back on maintenance costs
- Moving towards zero emissions
- Meeting EPA Clean Air requirements
- A key tool for LDAR programs

* Combined with a VPAC/5131 leak detection system

Find losses as a team, before they grow

Simple Operation. . . . a green light shows a 'no leak' and a yellow LED bar graph shows a 'small to very large' leak. Once a leak is identified, your VPAC™ unit can be used for quantification. Valve-Squeak™ has high noise and vibration immunity. It is Intrinsically Safe for use in hazardous, gaseous environments that require Class I, Div 1, IIC, T4. (Currently only meeting US certifications.)

- The valve leak still needs to be verified and quantified by a VPAC™ operator
- To keep the *Valve-Squeak™* cost low it contains simplified electronics
- With the low cost of the *Valve-Squeak™* it's possible to have 10s of unit in a refinery or plant to help the single VPAC operator locate potential loss
- VPAC™ operators are still needed to quantify/measure CFM or GPM

Specifications

Size: (LxWxH) 5.0" x 2.80" x 1.1
Weight: 0.5 lbs.
Power: 2-AA Energizer Batteries 1.5V
Battery Life: > 4 days of continuous operation
Processor: Internal microprocessor
Display: 16 LED
Operating Temp: -22° - 158° F (-30° to +75° C)
Storage Temp: -40°-185°F(-40°-85° C)

Specifications for Sensors

Sensor Temperature

S9203-IS -30° to +85° C
 VS9203-IS -30° to +85° C

Much higher temperatures can be reached With Waveguide. Ultimate temperature is dependant on exposure time.

Intrinsically Safe

Class I, Div 1, IIC, T4, Intrinsically Safe (IS) apparatus



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