



Valve-Squeak™: Technology Breakthrough in Leak Detection

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 saving you thousands, if not millions of dollars.

FIND LOSSES BEFORE THEY GROW

Simple Operation. A green light shows a “no leak” and a yellow LED bar graph shows a leak range of “small” to “very large”. Once a leak is identified, your VPAC™ unit can be used for quantification. Valve-Squeak has high noise and vibration immunity and 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 system and 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 many units 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.

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 when combined with a VPAC/5131 leak detection system (even leaks in a small valve can result in significant losses)
- ROI is in the first use
- Identifies losses rapidly
- Eliminates excessive flaring

SAVE TIME AND MONEY BY:

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

For more information, call 1-609-716-4000 or visit us on the web at www.mistrasgroup.com

Specifications for Valve-Squeak:

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

WORLDWIDE HEADQUARTERS:
 195 Clarksville Rd •
 Princeton Jct, NJ 08550 • USA
 T: +1.609.716.4000 • F: +1.609.716.0706
 E-MAIL: sales.systems@mistrasgroup.com

CANADA T: +1.403.556.1350
CHINA T: +86.10.5877.3631
FRANCE T: +331.498.26040
GERMANY T: +49.040.2000.4025
GREECE T: +30.210.2846.801-4

HOLLAND T: +31.010.245.0325
INDIA T: +91.22.2586.2444
JAPAN T: +81.33.498.3570
MALAYSIA T: +60.9.517.3788
MIDDLE EAST T: +973.17.729.356

RUSSIA T: +7495.789.4549
SCANDINAVIA T: +46.031.252040
S. AMERICA T: +55.11.3082.5111
UK T: +44(0)1954.231.612