

Achieve Safe, Profitable and Sustainable Operations with

MIDAS®

Pinpoint internal valve leaks fast to avoid product loss and prioritise maintenance.

Powered by our proprietary advanced acoustic technology, the MIDAS® range of products are non-invasive.

MIDAS Meter®: A portable, efficient device suitable for any valve.

MIDAS® Sensor - wired or wireless: An intrinsically safe, permanently installed sensor, providing continuous in-line monitoring for critical valves in hazardous areas.

V-MAP® G3: A continuous valve monitoring solution that detects early failure modes and delivers real-time performance insights, helping optimise plant efficiency, safety, and reliability.

Why you need MIDAS®

Without knowing which valves are leaking, operators face:

- Hidden safety and environmental risks
- Costly product losses and wasted maintenance budgets
- Regulatory uncertainty and potential fines

Internal valve leaks go undetected by traditional survey tools and methods like pressure build-up testing take a long time. MIDAS® offers a faster, non-invasive way to identify and quantify hidden leaks, helping you act before they become costly problems.

With MIDAS® You Can:

- **Detect internal through-valve leaks early**

Find hidden leaks fast and non-invasively, avoiding shutdowns, protecting safety, and stopping small problems before they escalate.

At one degassing plant, MIDAS Meter® detected five leaking valves responsible for 95% of total valve related emissions detected, enabling fast intervention without shutdown, saving \$1.4 million.

- **Avoid unnecessary valve maintenance**

Focus resources where truly needed, reduce costs, and keep healthy valves in service, saving time, money, and effort.

Another client proved two-thirds of their surveyed valves were healthy, avoiding unnecessary repairs and saving £125,000 in planned maintenance costs.

- **Protect product value, compliance & sustainability**

Prevent hidden losses of valuable product, reduce flare emissions, and deliver documented evidence to meet environmental, and ESG requirements.

One plant discovered hidden leaks worth £207,000 per year until identified by MIDAS Meter®, helping reduce emissions and protect revenue.

How MIDAS® Finds Internal Through-Valve Leaks

Internal through valve leaks are undetectable during fugitive emission surveys because no process gas escapes directly from the valve into the atmosphere. Instead, these hidden leaks flow into flare or vent systems, wasting product, overloading flares and increase emissions and safety risks.

MIDAS® uses Acoustic Emission technology to detect high-frequency signals from these leaks, providing fast, non-invasive detection and precise leak measurement while valves remain in service.

Key to Score's Emissions Management Solution

MIDAS® products aren't just standalone tools, they're central to Score's emissions management solution. By detecting hidden leaks and measuring severity, MIDAS® ensures maintenance focuses only where it's needed, saving time, money, and avoiding disruption.

Integrated With Score's Total Valve Management Approach

It's not just about detecting leaks. MIDAS® guides Score's Total Valve Management approach, ensuring maintenance delivers maximum value with minimal disruption. It provides the data needed for smarter, risk-based decisions across the valve lifecycle, helping you maximise safety, reliability, and cost efficiency.

Discover how MIDAS® can help keep your operations safe, profitable, and sustainable.
Speak with our team today or request a demo.

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