

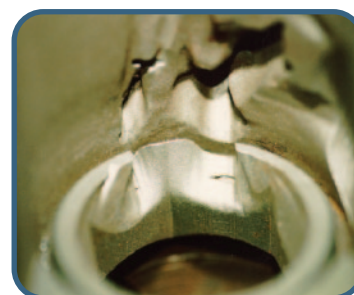
Score Group companies have employed acoustic emission technology to find leaking valves for oil & gas customers around the globe for the past 15 years. Midas Meter® employs Score developed signal processing & electronics, Score proprietary leakage algorithms and a Score proprietary Acoustic Emission sensor. Midas Meter® was developed and is manufactured by Score Group ISO 9001:2008 certified companies.

Case studies using Acoustic Emission technology:

- Detection of erosion damage in the body and trim of a bypass valve avoided the potentially catastrophic loss of containment of hazardous fluid on an offshore platform which would have led to emergency shutdown and consequential loss of production.
- A leak detection survey reduced the required scope of an offshore shutdown campaign and saved an estimated \$100,000.
- Survey of 61 Pressure Safety Valves and Blowdown Valves found that 7 were leaking to flare with an estimated loss of 85 tonnes/year of gas.

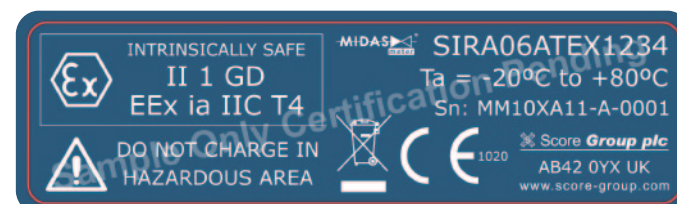


Eroded bypass valve



Compliance certification (pending):

- CE/ATEX certified Zone 1 (Sensor & PDA)
- Intrinsic Safety Classification II 1G Ex ia IIC T4
- EMC Class A (Industrial).
- IP66



For further information or to request a quotation, please contact us at:-
midas.meter@score-group.com or go to
www.midasmeter.com

Give your Operations and Maintenance Technicians the

MIDAS TOUCH

An innovative step-change in valve leak detection from
Score **Group plc**



Give your Operators and Technicians the

Midas Touch

It is known that LEAKING VALVES represent a MAJOR SAFETY RISK and are a MAJOR SOURCE OF LOST PROFITS

Find leaking valves with Midas Meter® long before detection by conventional methods or instrumentation. Avoid product losses to the flare and fugitive emissions, confidently prepare for maintenance outages and avoid excessive valve damage due to prolonged leakage.

Use Midas Meter® Acoustic Emission Leak Detector for Valves to:

- Quickly find leaking valves and quantify the leak rate
- Detect product loss to the flare, vents and drains
- Find leaking isolation valves, relief valves, control valves, check valves and steam traps
- Detect leaks as low as 0.1 litre per minute
- Prioritize valves for maintenance
- Benchmark valve performance during commissioning
- Provide leakage quantification in all pressurised media: Oil, Gas, Condensate, Water, Steam, Compressed Air

- Improve Safety - - Improve plant efficiency -

- Find damaged valves - - Decrease emissions -

- Don't let valuable product escape to the flare -



Give Operations and Maintenance personnel the tools they need to quickly and confidently find the leaking valves, target the right valves for maintenance, order spare parts and replacement valves ahead of the outage and avoid extended shutdowns.

Use Midas Meter® to increase your operators' confidence levels in their valve leakage performance and measurement test programs and to create evidence to support their site Safety Case and Safety Integrity Level compliance requirements.

The Midas Meter® and PDA are safe for use in hazardous oil & gas environments

- Completely portable and easy to use
- Non-intrusive
- Battery Powered (rechargeable)
- Bluetooth communications from sensor to PDA
- PDA for data logging and quantification analysis of leak detection survey
- Integral display for use without PDA
- PDA data download and export capabilities
- Midas Meter® Ambient temperature range: -20°C to +80°C
- Sensor face high temperature limit +125°C, above this wave guides are used



Midas Meter® PDA



Midas Meter® Windows Mobile PDA Software

Give your Operations and Maintenance personnel the

Midas Touch

