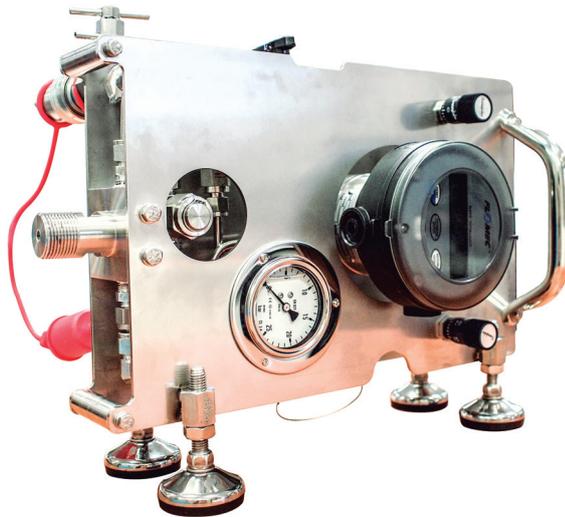


Atmos Leak Trial Manifold

Specifically designed portable leak trial manifold capable of accurate, low-flow measurement in hazardous areas in order to verify a tightness monitoring system on an airport fuel hydrant system

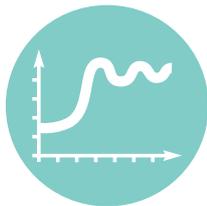


Features

- Covers segments up to 900m³ at 0.04l/h/m³ minimum detectable leak rate
- Maximum Allowable Working Pressure: 25 Bar
- Flow rate: 0.5 – 36 L/hr
- Weight: 9.5kg
- Inlet connection – 4" EI1584 coupler
- Outlet – 2m Elaflex aviation hose
- Fine and course flow control valves
- Meter accuracy +/- 0.2% of flow rate
- Flow rate and cumulative display options
- ATEX / IECEx approved flow meter
- Panel-mounted pressure gauge for diagnostics

Why test a Leak Detection System?

It is important to test hydrants for leaks. A leak detection system must be maintained and tested to confirm it is optimized at all times.



Meter Drift

Pressure meter calibration can drift and can reduce the LDS sensitivity



Testing of interpretation

Ensure your operators understand what the LDS is telling them



Passing valves

Valves deteriorate over time and can begin to pass



Performance

There is a requirement to meet the 0.04l/h/m³ standard, but what if you can get better performance?



Testing of procedures

Ensure your operators know how to respond to a real leak



Inspections

Satisfy IFQP and JIG inspections relating to LDS currency and calibration

What is Atmos Leak Trial Manifold?

The Leak Trial Manifold is supplied with ergonomic mirror-finish handles specifically selected to ensure that a gloved operator can lift the unit at 96th percentile knuckle / finger height based on industry standard (EI1584) coupler dimensions.

Robust and high quality hazardous area certified instrumentation is partially encased within the high quality, polished stainless-steel protection plates to protect the internal components from external impacts whilst still facilitating on-site maintenance. An ATEX certified pressure gauge is mounted to the front panel to provide visual pressure readings for diagnostic purposes.

The high-quality Vernier handles on the course and fine control valves ensure repeatable readings and a high level of flow control through the flow meter. The flow meter is robust and fully programmable.

A strainer basket, T-piece type filtration unit is fitted as standard to ensure an optimum level of control over the flow metering process by minimizing the

flow of particulates through the control valves. A flushing port on the right side of the panel on a T-piece (cap connected to rear panel via a lanyard) ensures that the flow restrictor tube can be easily cleaned without disconnecting the unit itself.

Dry disconnect couplers and a bespoke extension piece on the LTM unit facilitate connection to hydrants in more inaccessible (sub-surface) locations via a standard EI1584 coupler or via a low point drain or high point vent. The unit is supplied in a robust and compact peli-case for ease of transportation.

Levelling feet on the right side of the unit ensure that the unit can be stored safely when not in use.

To learn more about Atmos International, please visit: www.atmosi.com

Atmos International
Email: info@atmosi.com

UK
St Paul's 781 Wilmslow Road
Manchester M20 2RW
Tel: +44 161 445 8080
Fax: +44 161 434 6979

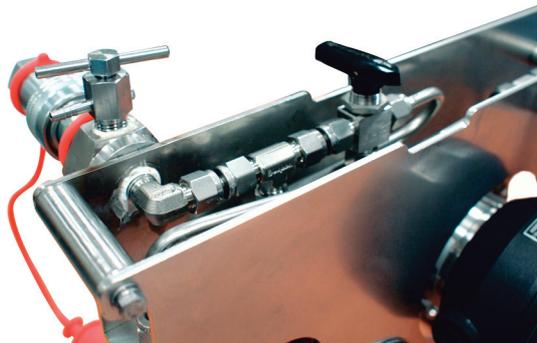
USA
14607 San Pedro Avenue Suite 290
San Antonio TX 78232 USA
Tel: +1 210 562 3164
Fax: +1 714 520 5326

3100 E. Miraloma Ave Suite 240 D
Anaheim CA 92806
Tel: +1 714 520 5325
Fax: +1 714 520 5326

Latin America S.A.
Edificio Murano
piso 2 oficina 23
147 Radial
200 mts N. de la Cruz Roja
Santa Ana San José
Costa Rica 10901
Tel: +1 (714) 783-3962

People's Republic of China
705 RuiChen International Center
No13 Nongzhanguan South Road
Chaoyang District Beijing 100027
Tel: +86 10 65033031- 808
Fax: +86 10 65033085

Russian Federation
Office 1012, 1013
Marshal Rybalko St. 2
Moscow 123060
Tel: +7 499 918 4140



GO BEYOND

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About Atmos International

Founded in 1995, Atmos International provides pipeline leak and theft detection, simulation technology, instrumentation and engineering services to the energy, water and associated industries. Atmos is the first choice of most pipeline companies worldwide, and is extensively used by major operators like Shell, BP, ExxonMobil, Petrobras, Enbridge and Total. With associated offices in the USA, China, Russia, Singapore, Indonesia, Colombia, Ecuador, Peru and Costa Rica, and local agents in 28 countries, our multi-cultural and multilingual team is dedicated to effective global support for the lifetime of our products all over the world.

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