

STAPS Wireless

Total acoustic performance solutions

The STAPS Wireless steam trap monitor from Spirax Sarco has been designed for easy, non-intrusive installation with accurate wireless monitoring and reporting to help improve your steam system performance.



First for Steam Solution

spirax
sarco

STAPS Wireless monitoring will:

- Notify you of steam trap failure, including failed/open, failed/closed and approximate steam loss totals
- Continuously assess trap performance and report when a steam trap isn't working at peak efficiency
- Identify steam leaks which, if left undetected, are a missed opportunity to save money and reduce environmental impact
- Estimate steam loss figures for failed traps.

How STAPS Wireless works

The Spirax Total Acoustic Performance Solutions (STAPS) Wireless Monitor automatically retrieves the sound frequencies generated through the steam trap. Comparing the acoustic performance of the flow of steam and condensate provides an accurate and reliable assessment of the condition of the trap.

Advanced, install-and-forget wireless technology

Using non-intrusive installation technology combined with a 2.4 Ghz wireless network, STAPS Wireless is an ideal solution for steam trap monitoring. It is suitable for use with all types of steam trap and can be connected to pipework up to 4", via an adjustable clamp.

Spirax Sarco service and support

Full installation and commissioning of the STAPS wireless steam trap monitor is included as part of the Spirax Sarco service. Once the monitoring unit is fully operational, maintenance should be minimal, but you also have the reassurance of knowing that our engineer specialists are on hand to provide you with all the support and advice you need.

Benefits:

- Reduces the need for on-going manual inspection, saving you time and money
- Significantly faster commissioning than a wired alternative for lower installation costs
- Clamp on design therefore no need to cut into the pipework
- Rapid leak detection
- Non-intrusive therefore it's easier to deploy almost anywhere
- Extends monitoring to remote and hard to access areas of the plant such as high level pipe racks
- Low maintenance solution, powered by long-life battery
- Low transmission signal strength ensures minimal risk of interference with other systems
- Suitable for use across a wide range of applications, can be used with pressures of up to 667 psig and temperatures of up to 797°F*
- Uses universally accepted frequency of 2.4 GHz
- High accuracy algorithm created by Spirax Sarco that detects traps that are leaking or cold.

*for non-explosive environments only

For more information contact your local Spirax Sarco representative.

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