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The new Fluke ii900 Sonic Industrial Imager pinpoints compressed air leaks in minutes to reduce utility bills and maximise productivity

Compressed air systems can lose a significant amount of air through leakage. For example, according to the United States ‘Compressed Air and Gas Institute’ (CAGI), the average compressed air system loses 30 percent of its air through leaks. Locating those leaks has been a time-consuming and tedious process. The new Fluke™ ii900 Sonic Industrial Imager enables maintenance teams to quickly, and visually, pinpoint the location of compressed air, gas, and vacuum system leaks even during peak production periods. Leaks can be detected in a matter of minutes. More information can be found at www.fluke.co.uk/ii900

With minimal training, technicians can identify compressed air leaks considerably faster than using traditional diagnostic methods. Now checking for air leaks can be performed during the typical maintenance routine.

Featuring an array of microphones combined with the new SoundSight™ technology, the handheld Fluke ii900 Sonic Industrial Imager filters out background noise so maintenance teams can accurately locate leaks in compressed air systems, even in the noisiest environments.

“We rely heavily on air - it’s one of the most important utilities we have coming into the building,” said Josh Stockert, Maintenance Technician III at Genie (a Terex Brand). “With the Fluke ii900 Industrial Imager, we can stand on the sideline and inspect the air line that goes across while carts and people are moving underneath. We’re not affecting them, but we can tag it then fix it at lunch instead of waiting for a premium weekend shift to fix it.

“Now we don’t have to look at adding new, bigger compressors or receiver chains, so not only is it capacity and energy savings, but now we’re talking about capital savings.”

Inspect an entire plant in hours

The seven-inch LCD touchscreen overlays a SoundMap™ on a visual image for quick leak location identification. The straightforward, intuitive interface allows technicians to isolate the sound frequency of the leak to filter out loud background noise. In a matter of hours, the team can inspect the entire plant – during peak operations. Images can be saved and exported for reporting purposes.

Acoustic imaging combined with industrial diagnostics

The Fluke ii900 was designed in partnership with [Sorama](#), an Eindhoven-based company specialising in noise control and sound analysis solutions. The combination of Sorama's long history and expertise in acoustic imaging and Fluke's leadership in diagnostic industrial test and measurement equipment led to the creation a tool that has the durability and usability required for industrial maintenance applications.

How much could a company save if you could see sound? Watch the [video](#) at www.fluke.co.uk/ii900

For more information about all Fluke products, please visit the Fluke web site at www.fluke.co.uk.

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Notes:

Fluke's mission is to be the world leader in compact, professional electronic test tools. The company's products are used by technicians and engineers in service, installation, maintenance, manufacturing test, and quality functions in a variety of industries throughout the world. Fluke, founded in 1948, currently has offices in 13 European countries and distributes its products to over 100 countries internationally. The company's European revenues contribute approximately 40% of worldwide sales. Fluke's headquarters are located in Everett, Washington State and the company employs over 2,500 people internationally. Its European sales and service headquarters are located in Eindhoven, The Netherlands.

Visit Fluke's Web site at <http://www.fluke.co.uk>

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