

The new Fluke ii910 Precision Acoustic Imager detects electrical discharge and pinpoints air, gas and vacuum leaks with greater sensitivity

The new Fluke™ ii910 Precision Acoustic Imager uniquely enables the detection of corona and partial discharge from a safe distance of up to 120 metres. Teams can operate safely, minimise the risk of fires and help reduce outages. It also offers greater sensitivity to detect compressed air, gas, and vacuum system leaks, again reducing potentially costly downtime. More information can be found at www.fluke.co.uk

Regular maintenance – no training required

The handheld operation of the rugged Fluke ii910 means problems can be identified from a safe distance without the need for cumbersome cords or accessories. Its intuitive operation means no training is required – it is simple to learn and easy to use. Electrical discharge detection or leak checking can be carried out as part of a regular maintenance routine, the handheld imager enabling users to quickly, and visually, pinpoint the location of faults from a safe distance and record data for later analysis. Even small, low-pressure or low-density leaks are now detected easily. The straightforward, intuitive interface allows technicians to isolate the sound frequency of the leak and filter out background noise in even the noisiest environments. The ii910 provides video recording of up to 5 minutes and has a battery life of at least 6 hours.

Fast and visual discharge and leak detection

The seven-inch LCD touchscreen overlays a SoundMap™ on a visual image, for rapid identification of discharge or leaks between frequencies of 2-100kHz. The array of integral microphones converts ultrasound signals into clear visual images on the backlit touchscreen. Captured data can be transferred via an integral USB socket direct to a PC. From here the data can be uploaded to the Machine Learning PDQ Mode™ Reporting Platform. This will provide the most important partial discharge insights, including partial discharge type identification, indicating the relative severity of discharges and hence prioritising their repairs. LeakQ™ reporting software enables the prioritisation of leak fixing.

Power generation, production or maintenance added value

Fluke's innovative SoundSight™ technology now enables corona and partial discharge to be easily located with the ii910. Aimed at technicians working with high voltages in power

generation and transmission and with industrial high voltage equipment, the Fluke ii910 provides more sophisticated detection than standard ultrasonic tools while offering the visual performance of more expensive UV cameras. It detects, locates and provides visual reporting and severity assessment of corona and partial discharges.

Technicians in production locations can isolate the sound frequency of air, gas or vacuum leaks and filter out background noise in even the noisiest environments. Industrial maintenance technicians can identify leaks at a safe distance considerably faster than using traditional diagnostic methods even during peak production periods.

Information about all Fluke products can be obtained via 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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