AirImage-COR

VISUALISE CORROSIVE GASES BEFORE DAMAGE BECOMES IRREVERSIBLE

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The AirImage-COR, visualise corrosive gases before damage becomes irreversible

Stockholm, 18 September 2023 – Camfil, the industry expert in clean air solutions, announced the launch of the AirImage-COR, the latest innovation in corrosion control monitoring. Real-time corrosion monitoring and technology that enables you to act before having to react. Corrosion is a natural process that occurs when metals react with molecular contaminants in the air. Metal surfaces gradually deteriorate and compromise the integrity of electronic components.

Electrical equipment is essential to the continuous operation of data centers,

wastewater treatment facilities, petrochemical refineries, renewable energy plants, and now the emerging EV battery market. These industries all rely on automation processes to improve safety and reliability. Corrosion leads to unscheduled downtime, costly repairs, loss of revenue, and increased safety risks. The impact of corrosion extends beyond electronics. Collections in museums and archives are extremely sensitive to corrosion due to the presence of acidic gases. Gas concentrations in such buildings may be low, but long-term exposure can lead to expensive restorations or even irreversible damage.

“Monitoring corrosion requires accuracy and reliability and the AirImage-COR delivers both with its electrical resistance (ER) Sensors,” says Thi Quynh Nguyen Mazo, Regional Product Manager for Industrial Molecular filtration at Camfil. “Standards such as ANSI/ISA-71.04-2013 have been developed to classify the environmental conditions for process measurement and control systems as it pertains to airborne contaminants to help mitigate the risk of corrosion. The AirImage-COR ER sensors have been qualified in a corrosion chamber to the ISA standard by injecting corrosive gases at different environmental conditions. The most accurate sensors were selected. The selection was based on the evaluation of a variety of sensors with different non-conductive substrates and metal track deposition technologies,” continues Nguyen Mazo.

With the PWA (progressive web application), the AirImage-COR offers a user-friendly solution to accurately monitor corrosion, temperature, relative humidity, and pressure via remote access in real time. The AirImage-COR prevents costly downtime and unscheduled maintenance in critical processes.

If you would like to learn more about corrosion and find out what you can do to protect your sensitive equipment and processes, attend the live webinar on 26 September. For any additional information on the AirImage-COR or for local representative contact details, visit the AirImage-COR product page here – AirImage-COR | Camfil.

The Camfil Group is headquartered in Stockholm, Sweden, and has **30** manufacturing sites, six R&D centres, local sales offices in **35+** countries, and **5,600** employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world. To discover how Camfil can help you to protect people, processes, and the environment, visit us at www.camfil.com.

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