camfil

AIRIMAGE-COR
Air Corrosivity Monitor

AirImage-COR

Visualise Corrosive Gases Before Damage Becomes Irreversible

Corrosion is typically not recognised until it's too late, resulting in damage that could have been prevented. Camfil's AirImage-COR corrosion control monitor instantly measures corrosive gases in the air to indicate when air filters need changing to keep sensitive electronic equipment protected and valuable assets preserved.

Preserve Valuable Assets and Protect Sensitive Equipment

Why AirImage-COR?

- Instant corrosion readings at your fingertips
- Most accurate sensors engineered for real-time corrosion monitoring
- Full suite of connectivity options to Building Management Systems
- Customisable notifications by email and SMS
- Manage device remotely with the Progressive Web Application (PWA)

AirImage-COR

The most user-friendly corrosion monitor

Simple Installation and Communications

Connect to existing building management systems and receive alarms or notifications remotely.

Power Source

- USB-C

Wireless Connectivity

- Wi-Fi
- Bluetooth
- GPRS Compatibility with Mobile Devices

Wired Connectivity

- Ethernet
- USB
- Analog 4-20 mA
- RS485

View data remotely on any desktop or mobile device

Electrical equipment manufacturers will guarantee performance only when concentrations of corrosive gases are maintained below specified levels (G1-GX.)

Cultural heritage preservationists set the requirement to protect valuable artifacts.

ISA classification of reactive environments (ANSI/ISA 71.04-2013)

COPPER REACTIVITY LEVELS (Å/month)		G1 (MILD)	G2 (MODERATE)	G3 (HARSH)	GX (SEVERE)
		< 300	< 1,000	< 2,000	> 2,000
GROUP	GAS	GAS CONCENTRATION (parts per billion)			
A	Hydrogen sulfide (H_2S)	< 3	< 10	< 50	50
	Sulfur dioxide (SO_2)	< 10	< 100	< 300	300
	Sulfur trioxide (SO_3)				
	Chlorine (Cl_2)	< 1	< 2	< 10	10
	Nitrogen oxides (NOx)	< 50	< 125	< 1,250	1,250
B	Hydrogen fluoride (HF)	< 1	< 2	< 10	10
	Ammonia (NH_3)	< 500	< 10,000	< 25,000	25,000
	Ozone (O_3)	< 2	< 25	< 100	100