

DETECT GAS THREATS BEFORE THEY ESCALATE



PROVIDE PROTECTION WITH SMARTER DETECTION

In semiconductor manufacturing, toxic and flammable gases are essential, yet even a minor leak can escalate into serious personnel risk, irreversible material loss and abrupt fab line shutdowns that can jeopardize yield and output. As a result, manufacturers need more than basic detection – you need a connected gas detection ecosystem that enables faster, real-time recognition of threats to inform decision-making and proactive responses.

RESPOND TO GAS LEAKS IN REAL TIME

We provide our customers with highly accurate, real-time gas detection, combining fixed and portable technologies with integrated software to rapidly detect toxic and flammable gases while minimizing false alarms.



CHALLENGE

SOLUTION



Toxic, flammable gases

Pose immediate risks to worker safety and high-value materials

Proprietary detection capabilities provide continuous monitoring and immediate alerts in real time



Limited real-time visibility

Undetected risks often go unnoticed until they impact safety, uptime and/or output

Integrated, real-time detection and predictive analytics across operations



Unexpected shutdowns

Cause costly downtime, production losses and unplanned maintenance

Early detection and predictive insights enable rapid response to help minimize loss of progress materials



Workforce shortages

Limit on-site expertise and slow response times

A connected ecosystem supports continuous, round-the-clock operations even when workforce is limited

CONCLUSION

In semiconductor environments where precision and safety are inseparable, we help you achieve continuous, real-time gas awareness to better protect workers, preserve critical resources and respond decisively to hazards for safer fabs and uninterrupted innovation.

For more information
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