



## NEWSLETTER

Dräger - Gasmeter - Thermal Gas - Spectite - KROHNE

### Featured Produce - Dräger X-Node

Battery-powered toxic gas monitoring solution

Dräger X-node offers continuous ambient air monitoring and analysis. It uses LoRaWAN technology to continuously monitor an area for up to 12 months per charge. X-node transmits gas concentration, temperature, humidity, and pressure to a Bluetooth® app and the cloud for data visualization.



### Industry-proven sensor technology

DrägerSensor EC

Choose from over 20 different, reliable DrägerSensors (left). DrägerSensors are renowned for their fast response time, high accuracy, great stability and long service life.

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### Lithium-ion battery application note

Field research on the exposure risks first responders face at incidents involving lithium-ion batteries.

Various LIB packs were placed inside an enclosed wooden structure (right). Gasmeter GT5000 Terra was one of the measurement instruments employed in the research. Released gases recorded included toxic gases like HF, HCl, HCN, CO as well as explosive gases i.e. hydrogen and toxic hydrocarbons i.e. formaldehyde. Toxic gases at levels exceeding the exposure limits were measured in all of the performed tests.

[view full study and findings]



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THERMAL GAS Systems inc.

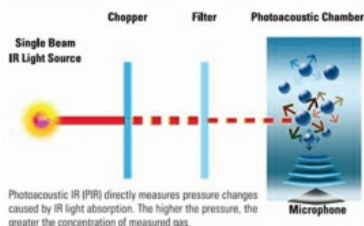
### State-of-the-art Photoacoustic IR delivers maximum accuracy & sensitivity

Unlike other infrared (IR) technologies, Photoacoustic IR (PIR) directly measures refrigerant gases without needing reference samples. This means it avoids mistakes that can happen when reference gases change because of temperature, pressure, old IR lights, or dirty sample cells. PIR systems check for changes in pressure that happen after IR light is absorbed by the refrigerant molecules. By using special filters, PIR can focus on specific gases and avoid measuring anything when no gas is around.

Choose Thermal Gas System's Photoacoustic IR for the highest level of monitoring dependability. Because no reference gas comparisons are required, only Photoacoustic Infrared (PIR) technology provides a direct measurement of refrigerant gas concentrations.



- Haloguard IR
- Haloguard III
- Haloguard I/IR
- Haloguard II/IR



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**SPECTITE®**  
from TC Measurement & Control Inc.

## Spectite® Sealed Feedthroughs



### Pressure and Vacuum Sealed Feedthroughs for Sensors, Probes, Electrodes and Wires

Spectite® Sealed Feedthroughs sometimes called sealing glands, are used to seal elements under the most arduous conditions. They prevent liquids and gases leaking under pressure and stop sensors, electrodes and wires moving due to differential pressure.



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## Webinars



**On behalf of KROHNE, we invite you to their upcoming webinar series**

### Four New KROHNE Measurement Webinars

November 13th and 14th

Four informative on-line sessions that address important real world measurement concerns and new solutions (listed right).



**REGISTER NOW**

- RADAR TECHNOLOGY IS NOW VIABLE FOR ANY TANK LEVEL OR OPEN CHANNEL FLOW APPLICATION
- NEW INSTRUMENT DIAGNOSTICS OFFER KEY INSIGHTS TO ENHANCE PROCESS OPERATIONS
- NEW POSSIBILITIES IN WATER METERING WITH LIMITED SPACE FOR INLET & OUTLET RUNS.
- BENEFITS OF CORIOLIS METERS FOR FLOW MEASUREMENT IN PROCESS INDUSTRIES

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