



ETA Process Instrumentation  
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February 2024

FEATURED PRODUCTS AND MANUFACTURERS

Ametek Process Instruments



On-line process analyzers for trace moisture content of gases  
based on tunable diode laser technology

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Krohne



Level Measurement

Transmitters, switches, indicators and accessories for level measurement

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## Thermal Gas Systems



### Photacoustic IR and CMOS Monitors

Unique, high-sensitivity Photoacoustic IR technology, and reliable, economical CMOS monitoring technology

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## H2Scan



### Semiconductor Sensors to Measure Hydrogen

No cross-sensitivity to common interferences like CO and H<sub>2</sub>S  
Hydrogen sensitivity range of 0.4% to 5.0% hydrogen by volume

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### H2Scan Feature by Joel Myerson



H2Scan is a company that was spun out of research at a university in California. They have a patented hydrogen specific semiconductor sensor. The advantages of their semiconductor sensor are that it doesn't have cross sensitivity to some common gases that can cause cross-sensitivity, carbon monoxide in particular, as well as hydrocarbons and helium.

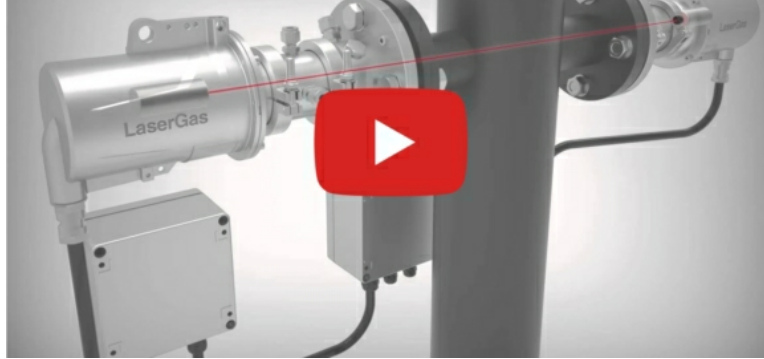
The semiconductor sensor can be tuned to measure anywhere from the low ppm range all the way up 2 percent by volume. It is a very long-life sensor - typical sensor life is ten plus years. The sensors have very little to no drift.

Oxygen is not required for the measurements (unlike a catalytic sensors that need a minimum of 12-14% oxygen to accurately measure hydrogen).

[LINK TO CONTINUE](#)

## Neomonitors





### Tunable Diode Laser Spectroscopy Gas Analyzers, Dust Analyzers

Over 35 years of experience - 19,000 instruments sold - 37 different gases measured -110 different wavelengths used

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### Safety Inc.

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since 1970  
[www.esafetyinc.com](http://www.esafetyinc.com)

### Casella dbadge2 Intrinsically Safe Dosimeter



**Dbadge2 intrinsically safe models are for use in hazardous/potentially combustible areas**  
Casella's third generation badge dosimeter offers features not found on any other dosimeters.

- Motion sensing records the percentage of motion during a run to verify that the dosimeter was worn.
- Free Airwave app allows for remote monitoring of the dosimeter's status and cumulative run data via a Bluetooth connection. Ideal for social distancing or monitoring multiple dosimeters. Airwave also works with Casella pumps.
- Free Noisesafe software for downloading and reporting - no more license fees for software!
- Simple set up, no need to program any parameters. The dbadge2 collects all data needed for reporting. Simply download the data and select the results you want to see - OSHA, ISO, ACGIH, etc.
- Audio recording on Plus and Pro models. Set a db limit, and any noise over that limit is recorded and tagged to the data. Click on the file and hear what noise triggered the recording.

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### Casella - Workplace Noise Terminology



Those that work in industrial settings may find themselves exposed to levels of noise that can cause long term damage to their hearing. Most understand that being subjected to a loud, instantaneous noise can damage hearing beyond repair, but employees exposed to a lower noise level over the course of their working life can suffer the same consequences. It can be difficult to understand the terminology used to measure noise and the respective limits we place on noise levels to protect employees in the workplace, resulting in employers often working with consultants or other experts to ensure compliance. However, to improve employee engagement and awareness, having a better understanding of this terminology could help save workers from occupational deafness and other hearing related diseases.[Link to Read More](#)

### X-act 7000 Promo

An upgrade path for existing Draeger CMS analyzer customers,

## interested in purchasing an X-act 7000

### CMS Trade in Program



Trade-in your original CMS analyzer and receive \$500 off the list price of the X-act 7000

- Customer must turn in the CMS analyzer to receive \$500 off the list price.
- Channel Partner orders will reduce the list price by \$500 and then receive their normal discount. Quantities may vary with no limit on the number of analyzers for the trade in.
- Channel Partner completes trade in form and service request for return of the CMS until on the Sales Channel Portal.
- Sales Support will help the Channel Partner to navigate through the Portal.
- The Product Business Development Manager will approve all trade in orders to authorize the \$500 price reduction with Draeger Customer Service.
- Program begins January 1, 2024 and ends on June 30, 2024

contact [sales@esafetyinc.com](mailto:sales@esafetyinc.com) mention X-act 7000 Promo



## iFacility Services

industrial ingenuity - integrated maintenance  
[www.iFacilityServices.com](http://www.iFacilityServices.com)

### iFacility Services by Joel Myerson

iFacility services is the service division of Safety Incorporated, ETA Processing Instrumentation, and Martech Controls. We've been performing service for over thirty years on both portable and fixed instruments. One of the unique features we have is our technicians are trained to provide multiple levels of service. They can calibrate and repair portable and fixed gas detection instruments. They can do maintenance on respiratory systems, particularly PAPR's and SCBA's. They can do Level A suit testing, and they are certified fall detection equipment inspectors. Instruments don't have to be sent to us, although we do offer depot service for instruments sent to our Cal Lab. [Link to Read More](#)

