



Hello From Our NEW President!



I am pleased to announce that as of June 2018, Tiger Optics has joined the Process Insights family of companies. Backed by Union Park Capital, a Boston based investment firm, Process Insights is focused on innovative, differentiated solutions for industrial process control and safety.

Our team welcomes this opportunity to be part of a broader organization, joining Cosa Xentaur, Hygrocontrol, LAR Process Analysers, and Alpha Omega Instruments. The broader product portfolio and the new global footprint will enable us to better serve you with additional products and technologies in your respective regions. This is the first step in our journey to become your one stop shop for all of your total analytical solutions.

This year, I celebrate 10 years of service with Tiger Optics. During this time, I had the opportunity to serve in many functions across the organization including Operations, Sales & Marketing, and R&D. I am excited to lead Tiger Optics in this next phase and I look forward to continued success and collaboration with you, our valued customers!

Tiger Optics pioneered the commercialization of Cavity Ring-Down Spectroscopy in 2001, and now our laser-based high-performance analyzers have become an industry standard for semiconductor manufacturers, gas companies, and laboratories around the globe. Within our new framework, Tiger Optics will maintain its world-renowned premium brand of high performance analyzers, and - as always - our team remains fully committed to supporting you.

Dr. Erika Coyne, President

To learn more about Process Insights' family of companies, [click here](#)

Semicon West 2018



Our Tiger Optics team traveled across the country in July this year, to attend the 2018 Semicon West Expo at the Moscone Center in San Francisco, CA.

There, we introduced the HALO KA Max, our most sensitive moisture analyzer ever, which detects traces of contaminants to 100 ppt levels in all important bulk gases used in semiconductor manufacturing. We also further improved the analyzer's speed of response. The instrument's extraordinary response time will surely be of great value to you.

Another highlight at our booth was a live demonstration of the T-I Max NH₃ analyzer. It illustrated the analyzer's lightning-quick ability to detect trace amounts of ammonia in air.

Missed us this year? Look for us next year at booth #144!



[Learn more about our NEW HALO KA Max line here](#)

[Learn more about our T-I Max products for AMC monitoring here](#)

Tiger Optics' Spark H₂O

A better choice for CDA manufacturing process control.



Tiger Optics' Spark H₂O is a compelling choice for moisture measurements in your industrial gas applications. Cavity Ring-Down Spectroscopy offers many unique and important advantages, including drift-free accuracy, ease of use, fast speed of response, and zero maintenance. Since its introduction a few years ago, the Spark has been quickly adopted by gas manufacturers around the world.

Recently, one of the world's leading gas companies successfully replaced the incumbent moisture sensors used in their clean dry air (CDA) manufacturing process with Spark H₂O analyzers throughout Asia. This move was sparked by a major incidence, in which their monitoring system failed to catch a major moisture breakthrough event due to the slow response of the H₂O sensors. As a result, CDA product with undetected high moisture content had been delivered to the customer site, where it caused considerable problems. After this event, the company actively sought out a moisture analyzer with faster response time. Tiger Optics worked with the gas manufacturer and helped them

successfully upgrade their facilities to use Tiger Optics' CRDS-based Spark H₂O. Now, they have the assurance they need for real-time quality control of their CDA manufacturing process.

This is just one example of the countless opportunities for Tiger's high-performance analyzers to help improve your process.

For more information on the Spark, please contact us here.



Copyright © 2018 Tiger Optics, LLC., All rights reserved.

Our mailing address is:

250 Titus Avenue
Suite B
Warrington, PA 18976

(p) 215-656-4000

(f) 215-343-7168