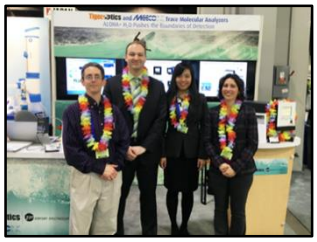
Tiger's Tale

Quarterly Newsletter

Spring, 2016

New ALOHA+ H_2O analyzer: *World's most sensitive detector for moisture in ammonia*



The new ALOHA+ H_2O advances trace moisture detection in ammonia to an unprecedented level of 2 parts per billion (ppb). The ALOHA+ H_2O serves specialty gas and High-Brightness LED makers, as well as those developing advanced materials to power the Internet of Things. It offers the exceptional detection limits, accuracy, reliability, speed of response and ease of operation that you have come to expect.

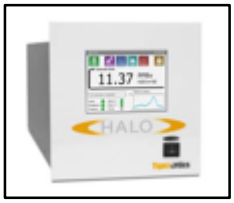
Tiger Optics officially introduced the ALOHA+ H_2O to the market at the PITTCON Conference & Expo in Atlanta, GA in March, with a live demo analyzer on the exposition floor, as well as a technical presentation on its performance by Dr. Florian Adler in the Specialty Gas Symposium. (See our show team at left.)

Customize your Spark analyzer with powerful add-ons!

Tiger's groundbreaking Spark series affords advanced spectroscopy at a popular price for a host of applications, from pre-purifier at Semi fabs to quality and safety assurance for Air Separation Plants, and more, including monitoring of cylinder filling, bulk gas delivery and distribution transfer points, as well as welding, medical, industrial and electronic gas production.

Now, the Spark features new optional add-on packages, including Dew Point Measurement, Atmospheric Pressure Sampling, and a User-defined Calibration Mode.

Solution for Advanced Epitaxial Processes: *New HALO QRP*



Tiger introduces the new HALO QRP process chamber moisture monitor, which operate under less than 1 millibar inlet pressure, to serve Low-Temperature Epitaxy, Low-Pressure Chemical Vapor Deposition (LPCVD) and Atomic Layer Deposition (ALD) applications. The QRP detects H_2O at partial pressure levels below 10^{-5} mbar over a wide, linear dynamic range.

Tiger Optics Passes 9th Consecutive ISO Audit!

Tiger Optics is the first CRDS company certified to the ISO 9001:2008 standard of process consistency and continuous quality improvement. This achievement underscores the discipline that informs our manufacturing process. Notably, each Tiger analyzer is subject to a final test protocol that utilizes NIST-traceable standards to ensure accurate calibration, with 24-hour peak-to-peak baseline performance to validate its low detection limit.

Stay in Compliance; Stay In Situ

Don't forget our Annual Remote Certification, available for all Tiger analyzers, which verifies your unit is as accurate and reliable as the day it was shipped from Tiger Optics.

***About Tiger Optics*:** Founded in 2001, Tiger Optics offers a wide and proven array of customer-lauded gas analyzers, as well as atmospheric and environmental monitors. Based upon powerful Cavity Ring-Down Spectroscopy (CRDS), Tiger instruments afford outstanding detection capabilities, speed of response, dynamic range, and accuracy, combined with continuous auto-calibration, ease-of-use, and freedom from moving parts and consumables. From the cleanest of semiconductor fabs to the harshest coal-fired stacks, our analyzers work to improve your yields, reduce costs and ease the burdens of regulatory compliance.

Please contact us at sales@tigeroptics.com for more information or to request a quote today!

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