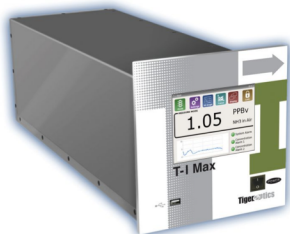


# Tiger<sup>optics</sup>

## Advanced Spectroscopic Solutions for Your Applications

### T-I Max Series



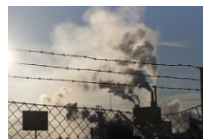
- **NEW** next-generation cleanroom **Airborne Molecular Contaminants (AMC)** and **Continuous Emissions Monitoring (CEM)** analyzers
- Environmental monitoring of **ppt level HCl, NH<sub>3</sub>, HF** and more
- Extremely fast, drift-free and accurate



**AMC monitoring in cleanrooms & FOUPs**



**CEM Stack Measurements**



**Air Quality Monitoring**



**Leak Detection**

### ALOHA+ H<sub>2</sub>O



- Trace **H<sub>2</sub>O in NH<sub>3</sub>** with as low as **1.6 ppb** detection capability
- **Rapid response time** and **extremely low cost of ownership**
- **Simple, direct & continuous** measurement



**HB-LED**

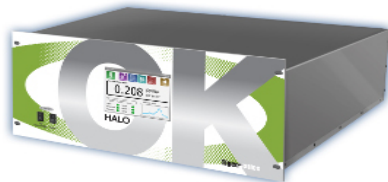


**Gallium Nitride (GaN)**



**Specialty Gas Monitoring**

### HALO OK



- New compact trace **Oxygen** analyzer, with **ppt** detection capability
- No consumables, calibration or maintenance required
- Ideal for **CQC monitoring** of ultra-high purity gases



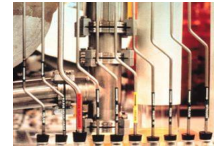
**Bulk Gas Monitoring**



**Pre- & Post-Purifier Monitoring**



**Mobile Service**



**High Purity Piping Qualification**

### LaserTrace Series



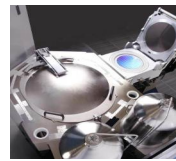
- Versatile, **multi-point, multi-species** analyzer for **H<sub>2</sub>O, O<sub>2</sub>, CH<sub>4</sub>** and more
- Ideal for Semiconductor applications and **UHP gas monitoring** with industry-leading **parts-per-trillion detection capability**



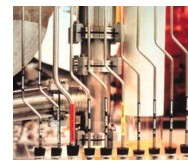
**Bulk Gas Monitoring**



**Specialty Gas Monitoring**



**Low Temp Epitaxy Monitoring**



**High Purity Piping Qualification**

GASES & CHEMICALS

CEMS

ENERGY

ATMOSPHERIC

SEM & HB LEDs

SYNGAS

LAB & LIFE SCIENCE

# Tiger<sup>optics</sup>

## Advanced Spectroscopic Solutions for Your Applications

### HALO Series



- Many analytes & measurement ranges for H<sub>2</sub>O, CH<sub>4</sub> and more
- Compatible with many matrices: **inerts, corrosives, hydrides & rare gases**
- Compact, portable and versatile



Corrosive Gas Monitoring



Specialty Gas Monitoring



Bulk Gas Monitoring for Semiconductor



Analyzers for turn-key systems

### Spark Series



- **NEW** analyzer for **ppb to ppm** measurement of H<sub>2</sub>O, CO or CH<sub>4</sub>
- Compact, robust & **affordable** analyzer for **industrial & medical gases**
- Fast & accurate, with no calibration or maintenance requirements
- Options include **Dew Point Capability**, Atmospheric Pressure Sampling Modbus TCP and Linear Fit Mode



Cylinder analysis



Truck fill Measurements



ASU process control



Quality Control for Medical Gases

### CO-rekt Series



- **Class I, Division 2 certification** for hazardous areas
- Dedicated analyzer for CO, CO<sub>2</sub>, CH<sub>4</sub> or H<sub>2</sub>O
- Continuous, real-time measurement for hydrogen process control



HyCO & SMR Process Control



HP Gas Analysis in Hazardous Locations



Syngas Monitoring

### Prismatic 2



- **Multi-species analyzer** - up to 4 detections
- H<sub>2</sub>O, CH<sub>4</sub>, CO, CO<sub>2</sub> and more, with **ppb to ppm** detection capability
- **Simple, direct & continuous** measurement



Fuel Cell Hydrogen



QC for HP Gases & Mixtures



Process Control



Laboratory Research