

High Quality Analyzers for Diverse Gas, Water, and Liquid Industrial Applications

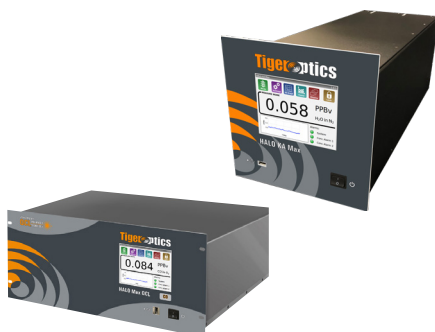
Spectrometers & Dew Point Monitors



Electronic Gas



Atmospheric Pressure
Mass Spectrometers for Real-Time,
ppt-Level Multi-Impurity Analysis
VeraSpec™ APIMS



Quantum Cascade Laser CRDS for
CO and CO₂, and ppt-Level Analysis for
O₂, H₂O, CH₄, NH₃ and H₂
HALO Max QCL™ | HALO KA Max™
HALO OK™ | HALO H₂™



Dew Point Mirror designed for
Extended Low Range Use
MODEL 373LX™



Aluminum Oxide
Dew Point Meters for
Portable/Fixed/Loop-Powered Applications
XPDM™ | HDT™ | LPDT2™

Spectroscopy, Dew Point Monitors & Chilled Mirror Analyzers



Specialty Gas

Applications:

- Moisture impurity monitoring in welding gases and specialty gases, including corrosive gases (HCl, HBr, Cl₂), rare gases (Xe, Kr, He, Ne), fluorinated gases, (SF₆, NF₃, CF₄), hydrides (NH₃, PH₃, GeH₄, AsH₃), and pure CO₂



Aluminum Oxide Dew Point Meters for
Portable/Fixed/Loop-Powered Applications
XPDM™ | HDT™ | LPDT2™



Advanced SF₆
Gas Analyzer
MODEL 973-SF₆™



CRDS for Corrosive, Rare,
and Fluorinated Gases
HALO KA H₂O™ | HALO 3 H₂O™



CRDS with the lowest
LDL for H₂O in NH₃
ALOHA+ H₂O™

Laser Spectrometers & Dew Point Monitors



Air Separation

Applications:

- Process control, quality control, truck fill, safety, and compliance
- Continuous moisture analysis in instrument air and dryers, and portable spot checking
- Trace analyzers for H_2O , O_2 , CH_4 , CO_2 , CO , C_2H_2 , and other gases with detection capabilities from ppb to % level



Dew Point Chilled Mirror Analyzer
MODEL 473™ | MODEL 573™ | MODEL 973™



Dew Point Sample Systems
Available, Turn-Key and
Application Specific



Aluminum Oxide Dew Point Meters for
Portable/Fixed/Loop-Powered Applications
XPDM™ | HDT™ | LPDT2™



CRDS Analyzer for Trace Gas Detection
of H_2O , CH_4 , CO , CO_2 , and C_2H_2
Prismatic 3+™ and Spark™

Heating Value, Dew Point Monitors & Spectroscopy Analyzers



Hydrogen / Syngas

Applications:

- HyCO process control, hydrogen purity analysis, feed forward control, and flare gas analysis
- Increased accuracy and efficiency for all stages of the hydrogen economy: generation, storage, and delivery
- Hydrogen purity to meet ISO14687/SAE J2719 standards
- Gas analyzers for H_2O , CO , CO_2 , H_2 , N_2 , CH_4 , H_2S , and hydrocarbon, BTU, Wobbe, CARL and Density



Benchtop Mass Spectrometers
for Real-Time, ppb-level,
Multi-Impurity Analysis
MAX300-LG™



Industrial Mass Spectrometers
for Real-Time, Multi-Stream
Process Control
MAX300-RTG™ 2.0



Injection-Style Heating Value
Analyzer for Zero Hydrocarbon
Emissions for BTU and Flare Control
9800CXi™ Calorimeter



Real-time Cavity Ring Down Spectroscopy (CRDS)
Impurity Analyzers for H_2O , CO , CH_4 and CO_2
CO-rekt™ and Prismatic 3™



Portable and Fixed Aluminum Oxide
Dew Point Meters
XPDM™





Laboratory, Safety, & Compliance

Applications:

- Air and fenceline monitoring
- O₂ deficiency safety monitoring, sulfur and nitrogen in fuels and biofuels, moisture calibration of sensors and standards
- Trace gas analyzers for H₂O, O₂, H₂, CH₄, NH₃, CO, CO₂, N₂, Ar, He and hydrocarbons



Percent and Trace Oxygen Analyzers,
and Oxygen Deficiency Safety Monitors
Series 2000™ and **ZRO2000™**



Dual Beam Photometer for Real-Time Hydrogen
Peroxide Vapor Sterilant Gas Monitoring
ClearView® db Hydrogen Peroxide Vapor Analyzer



Real-time Air Mass Spectrometer for
Environmental Health and Safety
MAX300-AIR™



FTIR Environmental Vapor
Monitoring Analyzer
ANALECT EVM™



Online TOC Water Analyzer for
Pure and Ultra-Pure Water
QuickTOCpurity™



CRDS Trace Gas Analyzers
HALO™ C Spark™ | Co-rekt™ | Prismatic™



COD Water Analyzer
for Laboratories
QuickCODlab™



Dew Point Chilled Mirror
Analyzer
MODEL 373™ and MODEL 473™

GAIN REAL-TIME INSIGHT INTO YOUR PROCESS

Process Insights manufactures and delivers premium sensors, monitors, detectors, analyzers, instrumentation, and software that are mission-critical to keep your operations, personnel, and the environment safe – every day across the globe.

Get the most reliable, precision analytical technologies available on the market today. We will work to match your needs and budget, and provide the optimal, and most stable process analysis solution for your application.

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4140 World Houston Parkway Suite 180, Houston, TX 77032, USA +1 713 947 9591

Process Insights – EMEA


ATRICOM, Lyoner Strasse 15, 60528 Frankfurt, Germany +49 69 20436910

Process Insights – APAC

Wujiang Economic and Technology, Development Zone, No. 258 Yi He Road, 215200 Suzhou, Jiangsu Province, China +86 400 086 0106

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REVOLUTIONIZING MEASUREMENT

EVERYWHERE