

Approved High Quality Products | Trusted Supplier

Hydrogen/Syngas

COSAXENTAUR



9610 Calorimeter
Continuous Process
Analysis for BTU, CARI,
Wobbe, Density



XPDM Model
Portable and Fixed
Aluminum Oxide
Dew Point Meter



MAX300-LG
Real-Time, ppb-Level
Mass Spectrometer for
Multi-Impurity Analysis



MAX300-RTG
Real-Time, Multi-Stream
Mass Spectrometer for
Process Control

Applications:

- HyCO process control, hydrogen purity analysis, feed forward control, and flare gas analysis
- Gas analyzers for H_2O , CO , CO_2 , H_2 , N_2 , CH_4 , H_2S , and hydrocarbons

extrel

Tigeroptics



CO-rect
Real-Time Laser-Based
Impurity Analysis for H_2O ,
 CO , CH_4 and CO_2

Air Separation

COSAXENTAUR



XDT Model
with Integrated, Custom
Sample Systems Available



HDT / XPDM / LPDT Models
Portable/Fixed/ Loop-Powered Aluminum Oxide
Dew Point Meters



Applications:

- Process control, quality control, truck fill, safety, and compliance
- Trace analyzers for H_2O , O_2 , CH_4 , CO_2 , CO , C_2H_2 , and more, from ppb to % level detection capability

Tigeroptics



Spark
CRDS for Trace Gas Detection H_2O ,
 CH_4 , CO , CO_2 , and C_2H_2

Electronic Gas

Tigeroptics



HALO QCL Quantum Cascade Laser
CRDS for CO and CO_2 , HALO OK for PPT-Level Analysis for O_2 ,
and HALO KA PPT-Level Analysis for H_2O , CH_4 , and NH_3

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XDT / XPDM / LPDT Models
Portable/Fixed/Loop-Powered
Aluminum Oxide Dew Point Meters



extrel



VeraSpec APIMS
Real-Time, ppt-Level
Multi-Impurity Analysis

Applications:

- Bulk gas continuous quality control monitoring (CQC); pre and post-purifier measurements
- Trace gas analyzers for H_2O , O_2 , H_2 , CH_4 , NH_3 , CO , CO_2 , N_2 , Ar , Xe , Kr , Ne , He , hydrocarbons, and more

Specialty Gas

Applications:

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

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HDT/ XPDM / LPDT Models
Portable/Fixed/Loop-Powered
Aluminum Oxide Dew Point Meters

MBW calibration



973 Model
Chilled Mirror Dew Point
Meter for SF₆

Tiger optics



HALO 3 H₂O
CRDS for Corrosive, Rare,
and Fluorinated Gases



ALOHA+ H₂O
CRDS Lowest LDL
for H₂O in NH₃

Labs, Safety and Compliance

Applications:

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

AQ ALPHA OMEGA INSTRUMENTS



Percent and Trace Oxygen Analyzers,
and Oxygen Deficiency Safety Monitors

MBW calibration



373 Model
Chilled Mirror Dew Point Meters

extrel



MAX300-AIR
Real-Time Air Analyzers for
Complete Sample Analysis

Tiger optics



HALO, Spark, and Prismatic
CRDS Trace Gas Analyzers

ATOM INSTRUMENT



XT-2000
Total Sulfur-Total Nitrogen
Laboratory Gas Analyzers

LAR THE TOC COMPANY



QuickTOCultra
Continuous Total Organic
Carbon Analyzers

OUR PREMIUM GLOBAL BRANDS

AQ ALPHA OMEGA INSTRUMENTS

ATOM INSTRUMENT

extrel

LAR THE TOC COMPANY

MBW calibration

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HYGROCONTROL

Guided Wave

Tiger optics

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