

## High Quality Analyzers for Diverse Gas and Water Applications



### Fuel Gas

#### Applications:

- Real-time gas analyzers for environmental compliance and combustion control
- H<sub>2</sub>S, Total Sulfur, Net Heating Value (NHV), O<sub>2</sub> and CO<sub>e</sub>, Wobbe, Specific Gravity, CARI, and full speciated composition



**SGA-1000**  
Fast, Multi-Cycle  
Total Sulfur Gas Analyzer



**COSA 9610**  
Calorimeter  
Continuous Process  
Analysis for BTU, CARI,  
Wobbe and Density



**O2CX**  
In-Situ Combustion  
Optimization Monitor  
for Flue Gas Oxygen  
and Combustibles



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



### Flare Gas

#### Applications:

- Real-time gas analyzers for flare compliance and control
- H<sub>2</sub>S, Total Sulfur, Net Heating Value/BTU (NHV), H<sub>2</sub>, and full speciated composition



**FGA-1000**  
Total Sulfur  
Gas Analyzers



**COSA 9610**  
Calorimeter Continuous Analysis  
for BTU, CARI, Wobbe,  
Density Flare Control



**MAX100-BTU and MAX300-RTG**  
Real-Time, Multi-Stream for  
Mass Spectrometers for Compliance  
and Flare Control

## Sulfur Analysis

### Applications:

- Sulfur analysis in butane, diesel, liquid fuels, LNG, hydro-treaters, blenders and scrubbers
- H<sub>2</sub>S, Total Sulfur and Total Nitrogen and Trace Sulfur
- Net Heating Value/BTU (NHV), H<sub>2</sub> and full speciated composition



**SGA-1000**  
Fast, Multi-Cycle Total Sulfur Gas Analyzer



**SLA-1000**  
Real-Time Total Sulfur in Liquids Analyzer



**XT-2000**  
Real-Time Laboratory Analyzer for Total Sulfur and Total Nitrogen in Liquid and Gases

## Steam Methane Reformer

### Applications:

- Hydrogen and syngas process control, and hydrogen purity analysis
- Gas analyzers for H<sub>2</sub>O, CO, CO<sub>2</sub>, H<sub>2</sub>, N<sub>2</sub>, CH<sub>4</sub>, H<sub>2</sub>S, hydrocarbons, BTU, Wobbe, CARI and Density



**COSA 9610**  
Calorimeter Continuous Process Analysis for BTU, CARI, Wobbe and Density



**XPDM Model**  
Portable and Fixed Aluminum Oxide Dew Point Meters



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



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



**CO-rekt and Prismatic**  
Real-Time Laser-Based Impurity Analysis for H<sub>2</sub>O, CO, CH<sub>4</sub> and CO<sub>2</sub>

## Instrument Air & Dryers

### Applications:

- Continuous moisture analysis in instrument air and dryers and portable spot checking
- Trace moisture in clean dry air, ppb to %



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



**Spark**  
CRDS Analyzer for UHP Moisture in Air

## Laboratory, Safety and Compliance

### Applications:

- Air and fenceline monitoring
- O<sub>2</sub> deficiency safety monitoring, sulfur and nitrogen in fuels and biofuels, moisture calibration of sensors and standards
- Trace gas analyzers for H<sub>2</sub>O, O<sub>2</sub>, H<sub>2</sub>, CH<sub>4</sub>, NH<sub>3</sub>, CO, CO<sub>2</sub>, N<sub>2</sub>, Ar, He and hydrocarbons

**AQ** ALPHA OMEGA  
INSTRUMENTS

**MBW** calibration

**extrel**

**ATOM**  
INSTRUMENT



Percent and Trace Oxygen Analyzers, and Oxygen Deficiency Safety Monitors



**373 Model**  
Chilled Mirror Dew Point Meters



**MAX300-AIR**  
Real-Time Air Analyzers for Environmental Health and Safety



**XT-2000**  
Total Sulfur-Total Nitrogen Gas Analyzers

## Wastewater

### Applications:

- Water Influent and effluent discharge control
- Process control, high purity, oil in water, cooling water, condensate return, water-steam cycles and boiler feed water and environmental compliance
- Total Organic Carbon (TOC) in water

**LAR** THE TOC COMPANY



**QuickTOCultra**  
Water Analyzer for Harsh Wastewater Applications including High Salt Concentrations



**QuickTOCpurity**  
Water Analyzer for Pure and Process Water Applications

## OUR PREMIUM GLOBAL BRANDS

**AQ** ALPHA OMEGA  
INSTRUMENTS

**ATOM**  
INSTRUMENT

**extrel**

**MBW** calibration

**COSAXENTAUR**

**HYGROCONTROL**

**LAR** THE TOC COMPANY

**Tiger**optics