Detecting a Trace

Teledyne Analytical Instruments

Location: City of Industry, CA

Established: 1946

Products/Service:

Gas and Liquid Analyzers, Sensor and System Solutions

Certifications:

ISO, CE, ATEX, FM, CSA, MDD, 510K

Technology Specialty:

Electrochemical O2 Sensors, Trace Gas Analysis, Sample Preconditioning and System Integration



Teledyne Analytical Instruments (TAI) is a leading, global supplier of gas and liquid analyzers, sensors and system solutions that are readily applied in the process control, quality control, pollution abatement, safety and OEM markets.

TAI is best known for our oxygen detection capabilities based on the electrochemical micro-fuel cell, paramagnetic and zirconium oxide O2 sensors we bring to the market.

We also compliment our O2 analysis capabilities by offering our customers with thermal conductivity detectors (TCD) typically used for H2 analysis, flame ionization detectors (FID) for trace hydrocarbon detection purposes, UV/VIS absorption and fluorescence photometers typically applied for H2S, SO2, CL2 and Oil-in-Water analysis, Near Infrared (NIR) photometers for liquid phase water impurity analysis in solvents or organic compounds, Non-Dispersive Infrared

(NDIR) analyzers typically used for CO, CO2, CH4 and SO2 detection, Aluminum Oxide capacitance sensors for trace moisture analysis and catalytic-bead combustibles sensors for hydrocarbon gas leak detection purposes.

Based on the wealth of detection capabilities at our disposal, TAI can provide over one hundred portable and on-line analyzers, which are designed to cater to a myriad of applications in a number of diverse industries.

TAI's standard product range is also routinely extended by developing turnkey system solutions tailored to a customer's exact needs. The expertise and flexibility to design and manufacture proven, cost-effective sample preconditioning systems as well as combining multiple analyzers into single packaged solutions, is a core competency within TAI that serves to effectively differentiate us from our competition.



Teledyne Analytical Instruments Offers These Quality Products for Your Application

Industrial Coxygen Analyzers - Series 3000	Product	Industry	Application	
On-Line and Portable Trace (PPMI 02 Analyzers Air Sep, Petchem, Steel, Ntl Gas and Annealing Furnace Gas Mixtures On-Line and Portable Percent (%) 02 Analyzers Air Sep, Petchem, Steel Impurity Analysis of Cude Bulk Gasses, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures On-Line and Portable Percent (%) 02 Analyzers Air Sep, Petchem, Steel Impurity Analysis of Cude Bulk Gasses, Hydrocarbon Feedstocks Cement, Power Coke Ovens, Blast Furnace, Rotary Kilns, Coal Silo's, Boiler Trim Safety % 02 Analyzers (TCD) - Series 2000 High Sensitivity TCD Analyzers Air Sep Binary Gas Mixture Analysis (H2 in N2, N2 in Ar, N2 in H2, Ar in 02) Power Gen Hydrogen Cooled Turbine Generator Analysis, Nuclear Containment Monitoring Petchem H2 Purity Analysis in Hydrocarbon Recycle Gas Streams H2 Specific Palladium Sensors H2 Fuel Cells For Low Level Detection of Hydrogen Leaks to Address Safety Concerns Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis of Dulk Gases used in Electronics Manufacturing Code and Beverage Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petchem. Power and Enviro Offshore Platforms, Boiler Return Condendate, Belinery Run-Off, Wastewater UV / ISS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem. Power and Enviro Offshore Platforms, Boiler Return Condendate, Belinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR) - Series 7000 Gas Filter Corerlation Air Separation PPM to % H2S, SO2, CL, COCI2 in Refinery, Chemical, Stack Gas and Various Process Streams Micro-Flow Detectors Prover and Petchem Physical Prover Co	INDUSTRIAL Oxygen Analyzers -	Series 3000		
On-Line and Portable Percent (%) 02 Analyzers Air Sep. Petchem, Steel Impurity Analysis of Crude Bulk Gases, Hydrocarbon Feedstocks Cement, Power Coke Ovens, Blast Furnace, Rotary Kilns, Coal Sito's, Boiler Trim Safety % 02 Analyzers Mfg g / Medical 02 Deficiency / OSHA Compliance Monitoring in Enclosed Rooms Thermal Conductivity Analyzers (TCD) - Series 2000 High Sensitivity TCD Analyzers Air Sep Binary Gas Mixture Analysis (H2 in N2, N2 in Az, N2 in H2, Ar in 02) Power Gen Petchem H2 Purity Analysis in Hydrocarbon Recycle Gas Streams H2 Specific Palladium Sensors H2 Fuel Cells For Low Level Detection of Hydrogen Leaks to Address Safety Concerns Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Analysis of 1HC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petchemical Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Florescence Food and Beverage Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)-Series 7000 Fetchem, Power and Enviro Micro-Flow Detectors Ferrior Power and Enviro Micro-Flow Detectors Ferrior Power and Enviro PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Moisture Analyzers - Series 8000 Alica Markers - Series 8000 Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures H2 Separation PPM to Score Code Analyzers - Series Souo On-Line and Potable Monitors Power Gen Q C, CO, CO2, CH4, SO2,	Ultra-Trace (PPB) 02 Analyzers	Semiconductor	Impurity Analysis of UHP Gases Used in Wafer Fabrication	
Cement, Power Coke Ovens, Blast Furnace, Rotary Kilns, Coal Silo's, Boiler Trim	On-line and Portable Trace (PPM) 02 Analyzers	Air Sep, Petchem, Steel, Ntl Gas		
Safety % 02 Analyzers Migrg / Medical O2 Deficiency / OSHA Compliance Monitoring in Enclosed Rooms Thermal Conductivity Analyzers (TCD) - Series 2000 High Sensitivity TCD Analyzers Air Sep	On-Line and Portable Percent (%) 02 Analyzers	Air Sep, Petchem, Steel	Impurity Analysis of Crude Bulk Gases, Hydrocarbon Feedstocks	
Thermal Conductivity Analyzers (TCD) - Series 2000 High Sensitivity TCD Analyzers Air Sep Power Gen Hydrogen Cooled Turbine Generator Analysis, Nuclear Containment Monitoring Petchem H2 Purity Analysis in Hydrocarbon Recycle Gas Streams H2 Fuel Cells For Low Level Detection of Hydrogen Leaks to Address Safety Concerns Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis food and Beverage Power Gen H2's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (INIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro UI / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro UI Huberscence Food and Beverage Total Sulphides Analysis in Intermediate and Final Product Solvents and Organics UV / US Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro UI Huberscence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IRI) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery, Run-Off, Wastewater UV / US Photometers (IRI) - Series 5000 Single Beam, Dual Wavelength Folded Optics Pood and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IRI) - Series 5000 Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Micro-Flow Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Micro-Flow Detectors Air Sep, Petchem, Steel Impurity Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respira		Cement, Power	Coke Ovens, Blast Furnace, Rotary Kilns, Coal Silo's, Boiler Trim	
High Sensitivity TCD Analyzers Air Sep Power Gen Power Gen Pettchem Hydrogen Cooled Turbine Generator Analysis, Nuclear Containment Monitoring Pettchem H2 Purity Analysis in Hydrocarbon Recycle Gas Streams H2 Specific Palladium Sensors H2 Fuel Cells For Low Level Detection of Hydrogen Leaks to Address Safety Concerns Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical DV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Pettchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Pettchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Phemopile Detectors Pettchem Alsteel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Micro-Flow Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Safety % 02 Analyzers	Mfg'g / Medical	O2 Deficiency / OSHA Compliance Monitoring in Enclosed Rooms	
Power Gen Hydrogen Cooled Turbine Generator Analysis, Nuclear Containment Monitoring Petchem H2 Purity Analysis in Hydrocarbon Recycle Gas Streams H2 Specific Palladium Sensors H2 Fuel Cells For Low Level Detection of Hydrogen Leaks to Address Safety Concerns Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Analysis of THC, Berzene, Acetaldehyde and BTEX in Beverage-Grade C02 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro Offshore Platforms, Soiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade C02 Infrared Photometers (IR) - Series 7000 Gas Filter Correlation Air Separation PPB Detection of C02 in 02 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % C0, C02, CH4, S02, HC's in Stack Gas and Various Process Streams Micro-Flow Detectors Petchem and Steel Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen 02, C02, C02, CH4, C02, C14, E02, HC's in Stack Gas and Various Process Streams MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Thermal Conductivity Analyzers	(TCD) - Series 2000		
Petchem H2 Purity Analysis in Hydrocarbon Recycle Gas Streams H2 Specific Palladium Sensors H2 Fuel Cells For Low Level Detection of Hydrogen Leaks to Address Safety Concerns Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Ari Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade C02 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade C02 Infrared Photometers (IR)- Series 7000 Sas Filter Correlation Air Separation PPB Detection of C02 in 02 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % C0, C02, CH4, S02, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of C0, C02, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors Apolescent Percent Sepirator and Incubator Patients Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	High Sensitivity TCD Analyzers	Air Sep	Binary Gas Mixture Analysis (H2 in N2, N2 in Ar, N2 in H2, Ar in O2)	
H2 Specific Palladium Sensors H2 Fuel Cells For Low Level Detection of Hydrogen Leaks to Address Safety Concerns Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petrchem, Power and Enviro Oil in Water Detection Petchem, Power and Enviro Oil in Water Detection Petchem, Power and Enviro Oil in Water Detection Petchem, Power and Enviro UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al2O3 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO2, CT4, CA2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors		Power Gen	Hydrogen Cooled Turbine Generator Analysis, Nuclear Containment Monitoring	
Flame Ionization Analyzers (FID) - Series 4000 Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics V/ VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery, Chemical, Stack Gas Oil in Water Detection Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Huorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Corredation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al 203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors		Petchem	H2 Purity Analysis in Hydrocarbon Recycle Gas Streams	
Trace Hydrocarbon Analyzers Air Sep Impurity Analysis of Bulk Gases used in Electronics Manufacturing Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (INIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Micro-Flow Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al 203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	H2 Specific Palladium Sensors	H2 Fuel Cells	For Low Level Detection of Hydrogen Leaks to Address Safety Concerns	
Enviro Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis Food and Beverage Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (INIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro PPM to % H2S, SO2, CL, COCL2 in Refinery, Chemical, Stack Gas Oil in Water Detection Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 AlZO3 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO2, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Flame Ionization Analyzers (FID) - Series 4000			
Food and Beverage Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2 Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro PPM to % H2S, SO2, CL, COCL2 in Refinery, Chemical, Stack Gas Oil in Water Detection Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Trace Hydrocarbon Analyzers	Air Sep	Impurity Analysis of Bulk Gases used in Electronics Manufacturing	
Power Gen HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro PPM to % H2S, SO2, CL, COCL2 in Refinery, Chemical, Stack Gas Oil in Water Detection Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO2, CH2, CH2 Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors		Enviro	Detection of Methane and non-Methane Hydrocarbons for Gobal Warming Analysis	
Near Infrared Photometers (NIR) - Series 5000 Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petrohemical PPM to % H2S, SO2, CL, COCL2 in Refinery, Chemical, Stack Gas Oil in Water Detection Petrohem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO2, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors		Food and Beverage	Analysis of THC, Benzene, Acetaldehyde and BTEX in Beverage-Grade CO2	
Single Beam, Dual Wavelength Folded Optics Petrochemical PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro PPM to % H2S, SO2, CL, COCL2 in Refinery, Chemical, Stack Gas Oil in Water Detection Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correrlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO2, CH2 Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors		Power Gen	HC's in Cooling Tower Water for Heat Exchanger / Tube Rupture Leaks	
UV / VIS Photometers - Series 6000 Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro PPM to % H2S, S02, CL, COCL2 in Refinery, Chemical, Stack Gas Oil in Water Detection Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correrlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO2, CH2 Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Near Infrared Photometers (NIR) - Series 5000			
Single Beam, Dual Wavelength Folded Optics Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correrlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al2O3 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO2, CO2, CH4 Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Single Beam, Dual Wavelength Folded Optics	Petrochemical	PPM to % H2O(L) Analysis in Intermediate and Final Product Solvents and Organics	
Oil in Water Detection Petchem, Power and Enviro Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	UV / VIS Photometers - Series 6000			
UV Fluorescence Food and Beverage Total Sulphides Analysis in Beverage-Grade CO2 Infrared Photometers (IR)- Series 7000 Gas Filter Correrlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 AlzO3 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Single Beam, Dual Wavelength Folded Optics	Petchem, Power and Enviro	PPM to % H2S, SO2, CL, COCL2 in Refinery, Chemical, Stack Gas	
Infrared Photometers (IR)- Series 7000 Gas Filter Correlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Oil in Water Detection	Petchem, Power and Enviro	Offshore Platforms, Boiler Return Condendate, Refinery Run-Off, Wastewater	
Gas Filter Correrlation Air Separation PPB Detection of CO2 in O2 and Air Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al2O3 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	UV Fluorescence	Food and Beverage	Total Sulphides Analysis in Beverage-Grade CO2	
Micro-Flow Detectors Enviro, Power and Petchem PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Infrared Photometers (IR)- Series 7000			
Thermopile Detectors Petchem and Steel Percent Level Detection of CO, CO2, CH4 in Various Process Streams Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Gas Filter Correrlation	Air Separation	PPB Detection of CO2 in O2 and Air	
Moisture Analyzers - Series 8000 Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, C0, C02, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Micro-Flow Detectors	Enviro, Power and Petchem	PPM to % CO, CO2, CH4, SO2, HC's in Stack Gas and Various Process Streams	
Al203 Hyper Thin Film Detectors Air Sep, Petchem, Steel Impurity Analysis of Bulk Gases, Hydrocarbon Feedstocks and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, C0, C02, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Thermopile Detectors	Petchem and Steel	Percent Level Detection of CO, CO2, CH4 in Various Process Streams	
and Annealing Furnace Gas Mixtures Combustion Efficiency Analyzers - Series 9000 On-Line and Portable Monitors Power Gen O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Moisture Analyzers - Series 8000			
On-Line and Portable Monitors Power Gen O2, C0, C02, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Al203 Hyper Thin Film Detectors	Air Sep, Petchem, Steel		
MEDICAL Oxygen Monitors and Sensors Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	Combustion Efficiency Analyzers - Series 9000			
Medical Respiratory Therapy for Ventilator, Respirator and Incubator Patients AUTOMOTIVE Electrochemical O2 Sensors	On-Line and Portable Monitors	Power Gen	O2, CO, CO2, THC Analysis for Optimizing a Boiler's Air-to-Fuel Ratio	
AUTOMOTIVE Electrochemical O2 Sensors	MEDICAL Oxygen Monitors and Sensors			
		Medical	Respiratory Therapy for Ventilator, Respirator and Incubator Patients	
Automotive Automobile Engine Exhaust Analysis for Smog Certification Purposes	AUTOMOTIVE Electrochemical O2 Sensors			
		Automotive	Automobile Engine Exhaust Analysis for Smog Certification Purposes	
DIVING Mixchek and O2 Sensors				
Diving Helium and O2 Analysis for Tri-Mix Diving Gas Cylinders and Rebreather Circuits		Diving	Helium and O2 Analysis for Tri-Mix Diving Gas Cylinders and Rebreather Circuits	

