

Instrumentation Principals



Data Acquisition, Recorders and Loop Controllers
 Flow, Pressure and Temperature Transmitters
 pH, Conductivity, O2, Gas Density
 Distributed Control Systems
 Tunable Diode Laser Analyzer for O2, Moisture, CO, NH3, CH & HCN



Thermal mass flow meters, vortex flowmeters, ultrasonic flow meters and cal systems



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Transmitter Manifolds



Process Gas Chromatographs
 FTNIR Process Analyzers
 NDIR Gas Analyzers
 Engineering, Consulting and Fabrication



Combustible Gas and Toxic Gas Detectors



Valtek, Kammer, NAF and GS Control Valves
 Digital & Pneumatic Positioners, Accessories and intelligent Control Systems



Ambient Air Monitoring, Continuous Emission Monitoring, Combustion & Process Monitoring, Calibrators and Zero Air Systems. Process and Laboratory Mass Spectrometers



High Purity Water Process Analyzers
 Feed water, Steam & Condensate Analyzers
 Potable Water / Pool & Sanitary Cooling Water Analyzers
 Waste Water & Effluents



Orifice Plates and Unions
 Flow Nozzles and Flow Tubes



Traced Tubing Bundles, Instrument Enclosures & Instrument Stands



Humidity, Dewpoint, CO2, Ammonia
 Barometric Pressure & Wind
 Tunable Diode Laser for O2
 Moisture in Oil, Natural Gas



Inset Gas Analysis, CEMS, Process Gas Analyzers, Combustion Monitors, TDL, Dust, Opacity and Flow Monitors



Liquid & Bulk Solids Level Solutions - Radar, Ultrasonic, Laser, Capacitance and Magnetostritive Technologies.
 Magnetic Level Gauges
 Point Level Switches
 Pressure & Temperature Switches



Refractometers, Dissolved Solids, X-Ray Thickness Measurement



Gas sample probes, sample conditioning systems, gas filtration, NOx converters, gas chillers, sample pumps



Electronic Transmitters, Alarms, Signal Isolators, Pneumatic Converters and Interface Modules, Fieldbus Couplers & Power Supplies



Load Cells, Tension and Weighing Systems



RTD's, Thermocouples, Thermowells & Multipoint Bundles



Absorbance spectroscopy for liquid or gas process streams, as well as physical parameters - color, calorific value and purity.



Generator Gas Analyzers and Controls
 Generator Overheat Monitoring
 Generator Gas Drying



Drop-In-Plate Retrofit Damper Drives