

# SenseAlyze Process Measurements

“We sense, measure and analyze your process so you can optimize your control of it.”

## LINE CARD



Complete line of pressure sensors, transducers, and transmitters for gauge, absolute and differential pressure measurement, featuring MEMS “Krystal Bond Technology”. Strain gage sensor is molecularly diffused to the transducer- no welds, no liquid filled voids, no o-rings. As such, KBT sensors operate at 15% of the metal’s yield point- less fatigue, higher proof/burst pressures than all other pressure transducer technologies.



Oil in water monitoring, PPM oil in water, oil spill monitors, oil - water interface, monitors, alarms, area leak alarms, interstitial tank leak alarms, foam control monitors, dry pump & plugged chute detectors.



Instruments for measurement of emissions, moisture, oxygen, flow, BTU content and more. Stack particulate, dewpoint/relative humidity measurement featuring VP FlowScope for compressed air monitoring.



Instrumentation for Pressure, Flow, Air Velocity, Level and Temperature. Also Diaphragm Seals, Valves, Combustion Testing, Data Acquisition and Humidity. Including the Magnehelic and Mercoird family of products. Also in the Dwyer family of companies: Love Controls, W.E. Anderson, Taylor Valve and Proximity companies.



Water and wastewater quality monitoring - pH, dissolved oxygen, turbidity, conductivity, ORP, residual chlorine, ozone, chlorine dioxide, phosphates, nitrates. Only a replaceable cartridge is the consumable item on ECD pH probes dramatically reducing probe replacement costs.



FPE manufactures a full line of Thermostatic Control Valves, Spin-Clean Oil Cleaning Centrifuges, and Oil Clean Systems. Additionally, also supplying a full line of replacement parts/kits for our products and Amot Thermostatic Control Valves.



Industrial wireless - SCADA radio, license free spread spectrum and licensed band radio modems, very flexible and modular I/O radios for direct I/O handling when PLC’s are not present. Best receive sensitivity in the market.



Solenoid valves of superior design and performance. Advantages include: simpler, reduced parts design; double the flow coefficient, or Cv rating vs. others; easily field changeable from NO to NC; interchangeable coils between all models in the line. Also: liquid level controls, pressure and temperature transmitters, switches.



“The Proven Choice”. Quality flowmeters for water, gasoline, chemicals, dairy, engine oils, transmission fluids and various industrial liquids. Turbine, oval gear, paddlewheel- spool and insertion probe, in many material combinations. Battery powered versions with digital indication of flow and resettable totalizer.



Level monitoring - widest array of point level alarming and continuous level measurement. Point - capacitance, tuning fork, vibrating probe, paddle switch, float, microwave. Continuous-ultrasonic, displacer, magnetic, guided wave/TDR radar, through-air/non-contacting radar.



Industrial display products- digital panel meters- flow monitors, computers, process indicators; operator interfaces- graphic touchscreen displays, message centers; flat panel monitors- sunlight readable, marine monitors; timers- elapsed time and preset ratemeters, totalizing & preset counters; InfiLink HMI software.



MadgeTech is taking the lead in becoming the industry standard in the low-cost, reusable data logger market. Dataloggers for just about any imaginable physical parameter; either self-contained with the sensor required on-board, or for analog input from customer supplied sensors. Wireless and multi-parameter loggers.



Sludge density/suspended solids meters- inline/flow through as well as submersion mount for open basins. Automatic sludge blanket level detector, and "The Sludge Gun"- portable sludge level detector.



Your telemetry solution provider, offering cellular telemetry systems for data and I/O, line modems for dedicated leased lines and dial-up lines, license-free systems for Ethernet and serial data as well as modular discrete and analog I/O telemetry systems. Also signal conditioning modules- signal converters, isolators, power supplies.



UV254 and Spectrum Analyzers for water and wastewater analysis – UV transmittance (UVT) for UV disinfection system performance monitoring/compliance/ energy savings. Organics load monitoring for coagulant dosing control optimization- UV absorbance (UVA). Surrogate TOC analysis, COD, BOD, nitrates. More robust, reliable, lower maintenance and lower cost of ownership.



Gas Detection and Flame Detection Equipment by Sensidyne. Sensidyne has over 30 years experience manufacturing fixed gas detection, air sampling, and micro air pump products. Customers rely upon our high quality products for personnel safety and asset protection. We pride ourselves on customer satisfaction and delivering products and solutions that are effective and robust. Systems for hazardous/toxic gases, combustibles/LEL, flame detection and more.



Complete line of products for Condition-Based Machinery Maintenance and Protection. Vibration sensors and monitoring systems- displacement, velocity and acceleration sensors, transmitters, probe drivers and multi-channel monitoring and analysis systems. Including triaxial accelerometers- greatly reduced installed cost vs. single axis sensors.



Flow measurement technologies, magnetic flow meters, spool and insertion probe, thermal mass flow meters for air & gases - aeration air, digester gas etc.; transit time ultra-sonic clamp-on/non - intrusive measurement; coriolis mass flow, turbine and positive displacement.



Flow measurement flumes and weirs- Palmer-Bowles, Parshall, V-notch, etc.; metering manholes and manhole covers; shelters/enclosures for electrical and instrument components; troughs, baffles, staff gauges, handrails, ladders and custom products.