

Sanitary Instrumentation Solutions

Fluid Food

Beverage

Dairy



Pressure



Temperature



Level



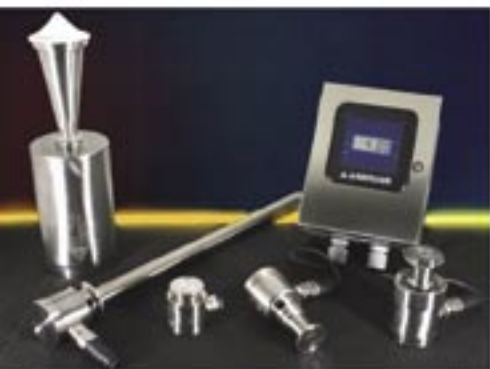
Flow



Instrumentation



Analytical



- Extensive Process Connections and Customization Capabilities
- Application Specific Designs with World Class Technical Support
- NEMA 4X Housings and Connections for Washdown Applications



Instrumentation

AV-9900 HTST Recorder Controller

- Dual element probe and comparator: failsafe against any drift in RTD output
- Full-color chart on plain paper: simple, easy to read, even with multiple variables
- Programmable, alpha-numeric printing: chart ranges, scales and messages customized for your HTST, HHST or UHT process
- Wide range of mounting options to meet your connection requirements



Differential Pressure Switch

- Digital pressure displays with DP Bar graph: easy to monitor system parameters to maintain "uptime"
- High temp sensor options for HHST and UHT applications
- High Pressure alarm: freeze-up protection, or elimination of start-up oscillations
- 4-20mA retransmitted outputs simplify "Split Regen" & automatic back-pressure control



DART Digital Reference Thermometer

- Digital display: eliminates guesswork when checking accuracy or speed of response
- Remote display: mounts at the panel for simpler, safer checks of the STL
- Dual element with comparator: failsafe against faulty readings
- All electronic: lower cost of ownership; replaces mercury in glass thermometers



AJ-300 Circle Chart Recorders

- 12 inch chart for maximum readability and accuracy; single or dual pen option
- Integrated digital display, optional loop controller, relay and mA isolated signal outputs
- Three year warranty



Temperature Controllers and Displays

- 1/4 or 1/8 din panel meters/controllers
- Multiple relay and alarm outputs
- GK series display will accept a wide variety of different input sources
- ED-190 controller allows for direct replacement of existing pneumatic controllers





Anderson Products – Sanitary by Design

If you don't see what you need, just call 800-833-0081



Pressure

EL Pressure Gauge

- Rugged, all-welded stainless steel construction
- Mechanical or case-fill dampening options for pulsation and vibration protection
- External re-zero standard, wide variety of ranges and process connections
- Polysulfone lens for optimum visibility and durability



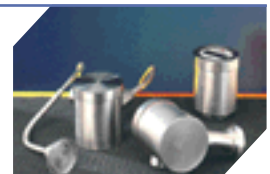
EN Digital Pressure Gauge

- Highest accuracy and best over-range protection of any sanitary gauge
- Large, clear LCD indicator and user-programmable functions for customization of decimal position, engineering units, and min/max pressure capture
- Optional adjustable relays for control, alarming, or protection of equipment
- Two year warranty



RSP / TFP / FFP Pressure Transmitters

- Rugged, all-welded stainless steel construction
- 4-20mA, HART, and Foundation Fieldbus outputs available
- Application specific models for various sanitary process and cleaning requirements
- Optional cap-mounted LCD indicator available



Flow

IZM Magnetic Flowmeter

- IZMS (premium) and IZML (standard) with best-in-class accuracy
- Direct or remote transmitter options, with or without display
- Systems approved for custody transfer and HTST Meter-based Timing
- Optional adapters for drop-in competitive replacement



RZ Positive Displacement Flowmeter

- Proven performance with a wide range of viscous and non-viscous liquids (liquid sugar, oil, etc.)
- 3-A compliant, with utility grade option
- Robust design with only a single moving part



HM Turbine Flowmeter

- True sanitary design, 3-A compliant
- Lower cost alternative for batching/blending of clear liquids
- All 316L stainless steel construction



Other Sanitary Flow Products Available

- Mass (Coriolis) Flowmeters
- Legal Receiving System
- Batch/Totalizing Controllers
- Flow Switches

Please contact your local Anderson Regional Manager or Technical Service Department for more information.

- Authorized to Display the 3-A Symbol, Third Party Verified
- Compliant with FDA/PMO and USDA Guidelines
- All Stainless Steel Construction with 316L Wetted Parts



Level

SL Hydrostatic Level Transmitter

- Superior accuracy for reliable inventory management
- "One-Touch Zero" allows for simplified field calibration and setup
- Factory preconfigured for your tank - eliminates errors at start-up
- Wide range of process connection options to meet your requirements
- Dual Diaphragm design for superior reliability



HB Mini Level Transmitter

- Specifically designed for control applications such as Balance Tanks and CIP vessels
- Ranges to 100 in. of water column accommodate a wide variety of vessel sizes
- Factory calibrated and preconfigured - saves installation time
- Temperature compensated for improved accuracy



TD/HD Sanitary Differential Transmitter

- Dual transmitter output with DP level primary and top/bottom pressure selectable
- Multifunctional integral LCD display
- Retrofits to most existing capillary DP system process connections
- Optional HART protocol available



LN Potentiometric Level Transmitter

- Exceptional long term stability
- Unaffected by temperature and/or dielectric changes
- No moving parts for high reliability and cleaning in place
- Rugged construction with potted electronics



LS Capacitive Point Level Detection

- Conductivity independent
- Fast reaction time
- Selectable time delay
- Simple installation and connectivity



LB Point Level Probes for Conductive Liquid Applications

- Long term sterility and cleanability
- Integrated stainless steel head makes retrofit simple
- Water-tight quick disconnect includes pre-wired tank reference
- Up to four probes per fitting for multiple level applications
- Field-trimmable up to 6"



Other Level Sensors and Inventory Management Systems Available

Point Level Solutions

- Microwave - ideal for a variety of liquid food products, not dependent on product conductivity
- Conductive - full selection of modules, probes, and jacks for typical applications

Inventory Management Systems

- Pulse 100 - single tank liquid level display
- Liqui-Track 800 - one to eight tank PLC based inventory level monitor/management system
- Liqui-Track 3200 - nine to thirty-two tank PLC based inventory level monitor/management system

- Designed for CIP and NEMA 4X Environment
- Wide Variety of Continuous and Point Level Solutions
- Sanitary Level Application Assistance Available



Temperature

SA/CT RTD Transmitters and Wiring Heads

- Modular design, with standard or mini head provides maximum flexibility
- All stainless steel construction, no exposed threads, extensive process connections
- Single or dual element, single or dual output, with optional LCD indicator
- Fast Response design as standard



FF Digitherm Digital Temperature Indicator

- Local LCD indicator with optional secondary RTD output
- Battery-operated (AA) with 1 year minimum life
- FDA compliant for all "non-pasteurizer" applications
- Field adjustable calibration



Analytical

HT Optical Transition Sensor

- Monitors suspended solids level in flowing stream of product or water
- Allows for exact product interface detection to reduce product losses and related Biological Oxygen Demand (BOD) charges
- May be field calibrated for custom measuring ranges
- Single piece construction for simplified installation



HC /DA Toroidal Conductivity Sensor, Transmitter, and Analyzer

- Stainless steel probe with PFA coating for long life
- Rugged construction designed for CIP applications
- Analyzer or transmitter options for best-fit solution



Other Sanitary Analytical Process Instruments Available

- Turbidity
- Dissolved Oxygen
- pH
- Contacting Conductivity

Please contact your local Anderson Regional Manager or Technical Service Department for more information.

