

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



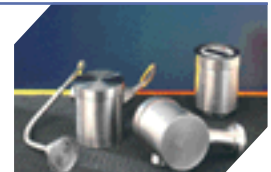
EN Digital Pressure Gauge

- 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.



Meeting the Critical-Process Requirements of the Fluid Food, Beverage, and Dairy Industries

Anderson Instrument Company is a leading producer of Sanitary Process Instrumentation for the Life Sciences, Fluid Food, Beverage, and Cosmetic Industries. As an innovative manufacturer, we provide our customers with engineered products that solve application-specific problems.

Our vertical integration enables Anderson to control all facets of design through manufacture, ensuring the reliability and performance of our products.

Sanitary by Design means we exceed the rigorous sanitary requirements of your most critical sanitary Fluid Food, Beverage, and Dairy applications – better, faster and more cost-effectively.

Anderson Instrument Company, Inc. is a division of Danaher Water Quality Group.

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