

Providing Creative Solutions



FOOD Team
Trusted | Technical | Dependable

FOOD EQUIPMENT
TECHNOLOGY SOLUTIONS

Chemical Storage, Handling & Monitoring Equipment

HYDRI-VISION & HYDRI-VISION DLX

Patent pending technology for collecting, analyzing and documenting concentrations of cleaning and intervention chemistries, including sanitizers. It is modularly built to accommodate up to twelve (12) sample inputs. Assurance of premium finished product quality as well as food safety and regulatory compliance are foundational to this creative solution. Automate your titrations today! Our DLX model includes pH measurement and is generally meant for membrane filtration systems.



APPLICATIONS & FEATURES

- Stand alone CIP or COP
- Membrane filtration
- Water treatment
- Chillers
- Soak or dip tanks
- Allen Bradley platform + Factory Talk SE
- UL approved
- Detailed reporting structure
- Operational alarms and safeguards
- Robust service life and simple user interface



BULK STORAGE & TELEMETRY

Customizable and modular program to support all your liquid storage and level monitoring needs throughout a facility. Assmann, Poly Processing and Anova support this program by identifying significant opportunities for reducing transportation, logistics or order fulfillment costs all while storing and level monitoring as efficient and safe as possible.

FMS+

A chemical flow measurer and recorder that is the next generation offering to our FMS-6. It is modularly built to accommodate up to sixteen (16) locations or destinations with varying combinations of pulse or analog flowmeters. Simplicity of its design and the flexibility to simultaneously manage multiple locations or destinations are foundational to this creative solution.

APPLICATIONS

- Plant wide usage monitoring
- Sustainability or utilities audit or plant wide survey

FEATURES

- SST OR fiberglass enclosure
- 10" JSmart HMI, 4GLTE router with WAN/LAN
- 24VDC power supply
- 5 port POE ethernet switch
- Keyence IO link module or Pulse IO NEMA4X panel
- Keyence FD-H flowmeters or SPX Seametrics flowmeters
- 10m power and ethernet cables to connect the HMI panel to remote IO
- UL approved
- Detailed reporting structure
- Operational alarms and safeguards
- Robust service life and simple user interface



COMING SOON...

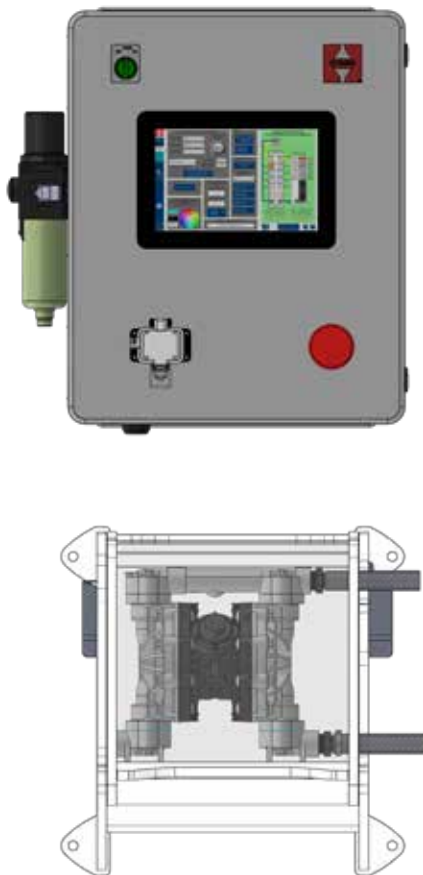
INTELLI FIL

A system that transfers chemistry from bulk, totes, or drums to smaller containers. This process is primarily controlled by calibrated time, although flow could be an option. Having a system like this is a strong safety measure in that it minimizes the operator's interaction with chemistry.

Chemical Delivery & Control Equipment

FEED+

FEED+ is a chemical allocation and dispensing system as well as a next generation offering to Hydrater 6 Button Feed. Simplicity of its design as well as the flexibility to set control with either time or a recycle timer are foundational to this creative solution.



APPLICATIONS

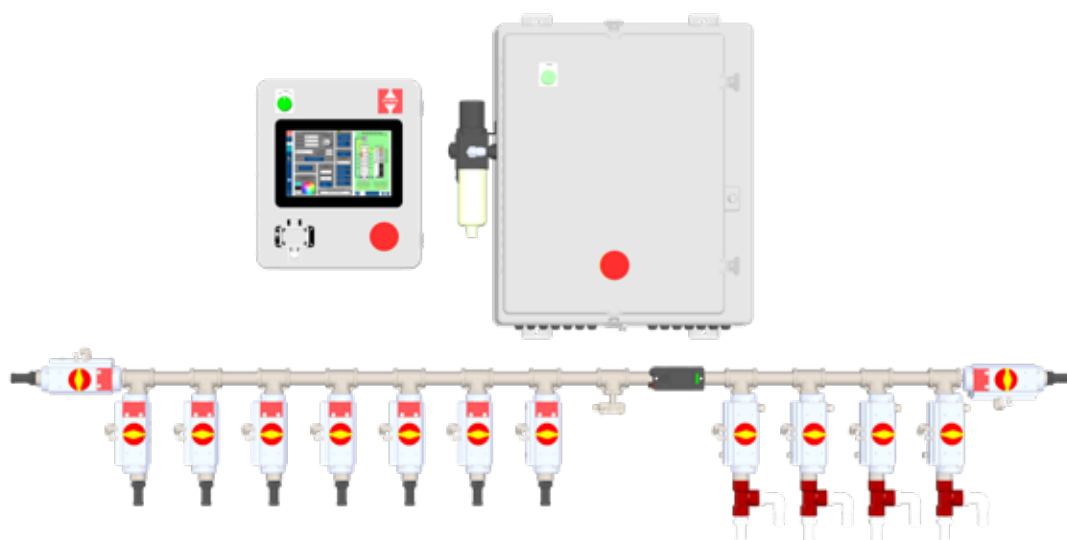
- Chemical transfers
- Tunnel, form, case or egg washers
- Portable or secondary container filling

FEATURES

- Time and Date stamp for each output activated
- Time stamp for how long each output is activated
- Quick install and commission process
- Robust and flexible technology
- Capable to control and deliver to 16 locations individually

FEED FLO+

A recipe-based flowmeter dispenser, the Feed Flo+ delivers up to eight products to a maximum of four destinations. All products are pumped through a single header with a single flowmeter with water flush between any chemistry. Optional chlorine bypass is available when delivering chemistry to sensitive equipment.



APPLICATIONS

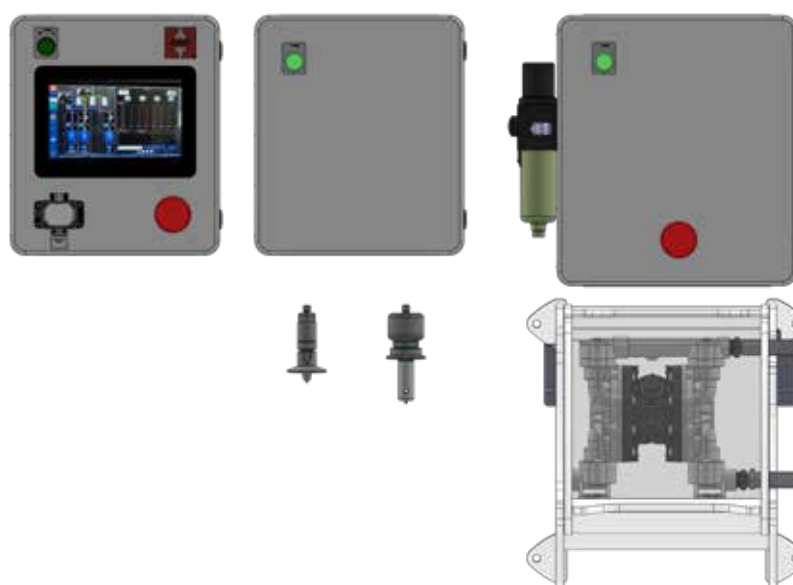
- HTSTs
- Evaporators
- Dryers
- Separators
- COP tanks
- Tunnel, form, case or egg washers
- Membrane

FEATURES

- Time, date and destination stamp for each recipe activated
- Time or flow delivery capability
- Deliver up to eight (8) products to up to four (4) destinations
- Skid or wall mount capability

CCR+

CCR+ is a chemical concentration controller and recorder as well as a next generation offering to Hydriter CCR 500 and Optimax CAA. Simplicity of its design as well as the flexibility to set control with either conductivity or time is foundational to this creative solution.



APPLICATIONS

- CIP or COP
- Tunnel or Form Washers
- Case or Egg Washers
- Circulation, Reuse or Reclaim Systems

FEATURES

- Time, date, and circuit stamp for each one activated
- Conductivity and flow recording capabilities
- Control up to four (4) inputs
- Simple user interface

HYDRI-PRO & HYDRI-PRO LITE

Best in class technology for allocating, dispensing and documenting cleaners, sanitizers, additives and intervention chemistries. It is modularly built by twelve (12) per to accommodate up to thirty-six (36) point of use locations or destinations. Assurance of accurate and timely allocation and dispensing as well as exceptional service life are foundational to this creative solution. Clean up your chemical room today! Our Lite model is built to accommodate six (6) point of use locations or destinations and can be wall mounted.

APPLICATIONS & FEATURES

- Ability to deliver directly from bulk storage and back up delivery control option
- Simple user interface and robust service life
- Stand alone CIP or COP
- Membrane filtration or batch tank
- Allen Bradley platform + Factory Talk SE
- UL approved
- Detailed reporting structure
- Operational alarms and safeguards
- Back up delivery control option
- Two modes of operation based upon volume to be delivered
- Simple user interface
- Maintenance and status screens to aid with repairs and troubleshooting
- Drum empty feature to aid in priming of pumps
- Ability to deliver directly from bulk storage and robust service life



SYSTEM CLEANERS AUTOMATED MAIN STATION

Developed by System Cleaners, the automated main station is a low-pressure cleaning system designed for central, decentral, or hybrid supply of premixed or concentrated chemicals in a food or beverage processing plant.

APPLICATIONS

- Conveyor Belt Cleaning
- Spiral Freezer Cleaning
- External Filler Cleaning (EFC)
- Spin Chiller Cleaning
- Poultry Line Cleaning
- Deboning Machine Cleaner
- Tank Cleaning
- Poultry Eviscerator Cleaning

FEATURES

- Pressurization of water
- Rinse
- Foam application
- Disinfection
- Easy to service
- Hygienic design
- High-quality materials with high chemical resistance
- Frequency-controlled pump with soft start and stop

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About Hydrite

Established in 1929, Hydrite is one of the largest chemical manufacturers and suppliers in North America. Hydrite was built upon a backbone of chemical distribution and later diversifying into specialty chemicals to offer a full chemical supply package to each of our customers. We work hard in providing creative solutions to our customers to deliver plant efficiency and an improved operating profit for those customers.

A key offering to our customers to create efficiency for their operations is the delivery of chemicals to the application points. The correct application of our chemicals is critical to optimal performance and we want to make that delivery accurate and efficient. We will come on-site for a survey of where the chemicals should be stored, where the dosing system should be installed, how the dosing will be measured and monitored and lastly, how it will be applied at the point of application. The delivery systems are custom designed to each customer to ensure that the best available technology is utilized.



For more information:
Hydrite
17385 Golf Parkway Brookfield, WI 53045
www.hydrite.com
Phone: 262-792-1450
Email: marketing@hydrite.com