

# Technology for Peracetic Acid

Industry proven technology for applications utilizing peracetic acid



## OVERVIEW

Food and beverage manufacturers face a critical business need to adapt to production and process variability. These variables impact quality and production efficiency. For this reason, we offer customized technology solutions. We pay particular attention to the design, build, and sale of custom equipment packages to accurately measure, precisely monitor, and control peracetic acid or hydrogen peroxide concentrations. Our state-of-the-art equipment delivers a fully-integrated system with in-line verification and detection for a wide range of process parameters. Our system is designed to offer significant opportunities to reduce overhead costs and enhance food safety which is critical to your business and foundational to this technology.

## TECHNOLOGY OPTIONS

| STANDARD PUMP  | ADVANCED CONTROLLER + SENSOR + PUMP   |
|--|---|
| <p>Pump</p> <ul style="list-style-type: none"><li>• Product to the unit operation</li><li>• Correct material of construction</li><li>• Multiple options (Flow requirements)</li><li>• Check valve</li><li>• Injection quill</li><li>• 4-20 mA tuned to unit operation flow rate</li></ul>                                      | <p>Controller</p> <ul style="list-style-type: none"><li>• Batch: X gallons per batch</li><li>• Continuous: user input for pump speed</li><li>• 4-20 mA capabilities</li><li>• Reporting capability</li><li>• Local wifi programming capability</li></ul> <p>Sensor</p> <ul style="list-style-type: none"><li>• Control product flow to the unit operation</li><li>• Correct material of construction</li><li>• Multiple options (Measurement requirements)<ul style="list-style-type: none"><li>- PAA content - High/Medium/Low</li><li>- ORP</li></ul></li><li>• Wide concentration control range with appropriate sensor</li><li>• Submersible or Slip Stream options</li></ul> |
| CUSTOM PACKAGE PUMP + CONTROLLER + HYDRI-VISION  |   |
| <p>Hydri-Vision™</p> <p>Patent pending technology for collecting, analyzing and documenting concentrations of cleaning, sanitation and intervention chemistries.</p> <ul style="list-style-type: none"><li>• UL Approved</li><li>• Automated or Manual Sample Collection</li><li>• Operational Alarms and Safeguards</li></ul> |   |

Providing Creative Solutions



# Providing Creative Solutions

## FEATURES

- Plug & Play design
- Minimal utilities needed
- Operational alarms and safeguards
- Continuous detection of material flow
- High process reliability
- Simple integration to existing systems
- Compact sensor design
- Dependable electronics
- Simple operation
- Validate a range of parameters in-line, real-time

## BENEFITS

- Configurable up to three (3) process variables
- Performance Check Tool
- Elimination of operator responsibilities
- Compatible with our entire Peracetic Acid product offering

## PACKAGE PREVIEW



### PACKAGE CONSISTS OF:

- DAC System / Aegis II PAA Analyzer
- Twist Clean Strainer
- Universal Control Cable
- Delta or Sigma Model Metering Pump
- PVDF Backpressure Valve
- Pressure Relief Valve
- 20 - 2,000 PPM
- 100-240v operating voltage (50-60 Hz)
- Variable frequency pump output
- LAN+WiFi communication interface
- Bluetooth access to local programming
- Dual expansion slot 4-20 mA input
- Connection compatibility to H2Tronics or Hydri-Vision (for monitoring & reporting)

### For more information:

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