



Making **Technology**  
**Work** For Wastewater  
Savings



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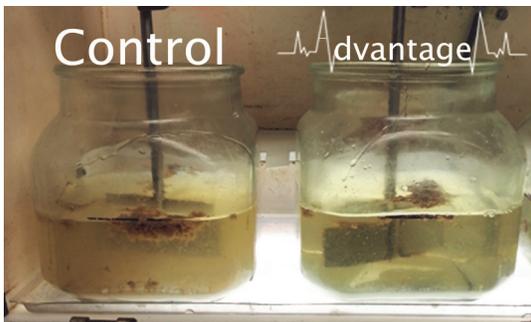
Accelerate your company's potential with CCI Chemical products



## Effective Technologies For Cost Reduction

Operating a successful business is all about generating profit and one of the best ways to increase profit is to reduce cost.

In this day and age sophisticated computers and electronics are used in a multitude of applications where we once relied on manpower.



One industry in particular that has not evolved from manual control is Wastewater Pre-Treatment of food processing plants. Operators adjust chemical pumps manually based on a visual evaluation of effluent clarity and typically overdose chemicals just to be safe. This adds up to significant unnecessary waste over the course of months and years.

CCI Chemical has developed our Advantage program which combines two unique technologies that will reduce chemical cost by 30% or more.

**We invite you to take Advantage of our Free 30 Day Trial to quantify your savings.**

**“ Innovative technology from CCI Chemical Corporation has reduced our wastewater costs 30 percent. ”**

# Advantage Feed System (AF-2)

## The Next-Generation in Chemical Control

### TSS MONITORING

The Advantage Feed system relies on spectroscopy rather than the human eye. A durable TSS sensor placed in the wastewater effluent stream sends critical information to the AF-2 Controller. The sensor is cleaned automatically to ensure accuracy.

### DISPLAY

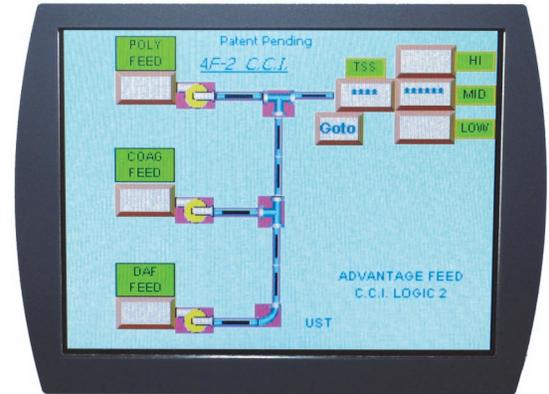
Desired effluent TSS is programmed by management into the system by selecting a minimum and maximum range and entering the set points via the AF-2 color touch screen. Real time TSS value is constantly displayed.

### CONTROL

The AF-2 is designed to control coagulant and polymer chemical feed pumps. AF-2 output wires are connected to chemical feed pumps and (4 - 20 mA) signals from the AF-2 ramp the pumps up or down to meet set point. The system calculates and adjusts the feed pumps every 57 seconds or when necessary.

### RELIABILITY

Only the best quality components have been selected for the AF-2 to insure reliability. The system is on call 24/7 - 365. It never gets sick or takes a vacation.



Advantage AF-2 Touch Screen



# Advantage Electronic Coagulation (EC - 1)

## Unprecedented Chemical Reduction



### Unmatched Results with Advantage EC-1

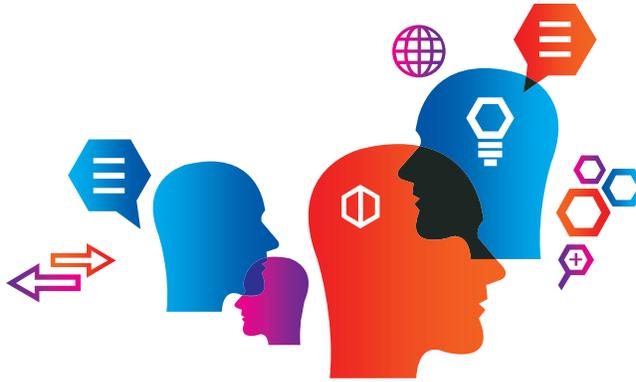
CCI's Advantage EC-1 is a non-intrusive physical water treatment system de-signed to electronically reduce coagulant and polymer demand in DAF clarifiers.

Twin Induction Plates are mounted on the DAF feed line or floc tube and wired to the Advantage EC-1 controller. Powerful energy pulses penetrate the pipe wall and neutralize some of the negative charge which holds solids in colloidal suspension. Since some of the work is being done by the Advantage EC-1 less chemical is required to complete the reaction.

Analog adjustments of pulse timing and amplitude are provided to fine tune the EC-1 output for optimum results.



Sizes 2" - 16" in stock.  
Custom submersible systems  
are also available.



C.C.I.'s mission is to build lasting relationships with our customers by working together and solving the problems at hand. We strive to provide a level of service unparalleled in the industry. We count many Fortune 100 companies among our customer base as a testament to our focus on service.

Since 1957, C.C.I. has provided custom-blended chemical solutions for applications ranging from wastewater treatment to water treatment chemical programs for boilers, cooling towers, water loops, closed loops and much more.

CCI has made considerable investment in our Advantage technology and we are proud to offer real value, sustainable solutions to our customers.

***Put our technology and services to the test,  
contact us for a free evaluation today.***



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