

CMS D3S

CMS D3S is a patent-pending system that introduces and maintains the precise amount of chemistries into every step in your intervention process, ensuring predictable efficacy while controlling costs.



Automated Closed Loop System

Enables processors to optimize/titrate their chemical usage for more efficient pathogen control and significantly reduce risk to food safety and quality with 24/7 remote monitoring and data access.

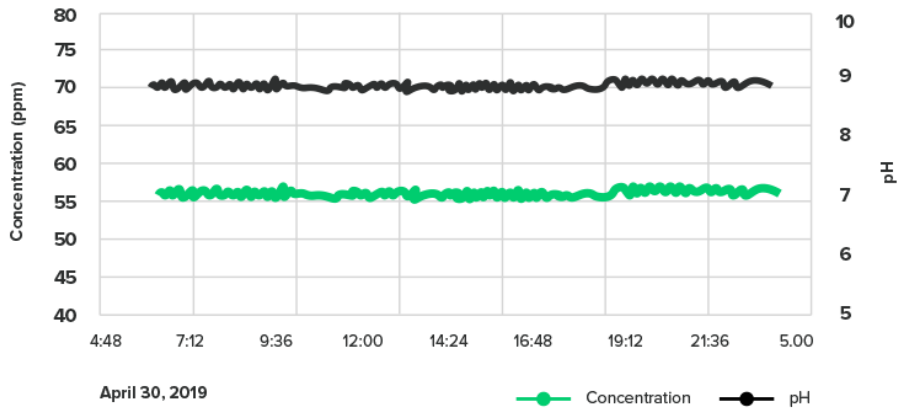
Industry-Leading Efficacy Adaptable to Your Environment

Multi-purpose liquid additives designed to provide poultry processors with flexible, reliable and effective means to prevent the dangerous and costly outbreak of harmful microorganisms.

Consistent Application

The D3S is a unique pre-blend system that delivers a homogeneous, consistent treatment. It uses a multi-chemical PLC-driven control system that continuously monitors and controls concentration and pH.

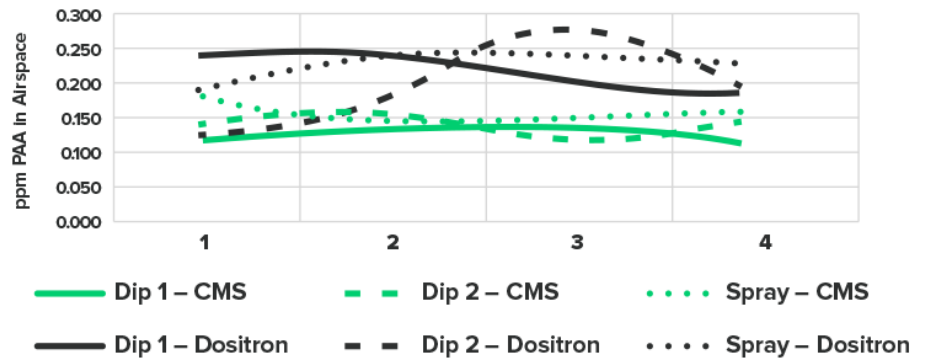
D3S pH and Concentration Control



Safety

The D3S dilutes the treatment to its target concentration in a contained system and area away from the processing floor. Its unique pre-blend feature creates a homogeneous blend that minimizes volatiles in application area, creating a safer work environment. Traditional metering or Dositron pumps can deliver a variable concentration with a higher odor.

PAA in Breathable Airspace Chiller

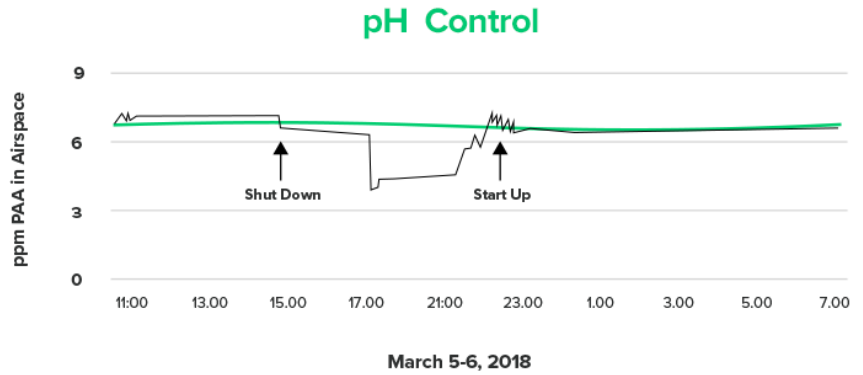


CMS D3S

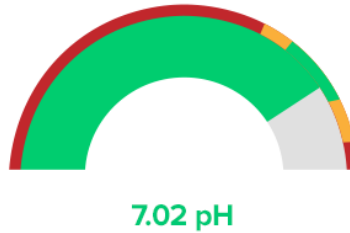
Remote Access

Application data can be accessed via a smartphone or computer and allows for real time monitoring and process control of:

- Temperature
- Flow rate
- pH
- Treatment concentration
- Treatment consumption



Chemical Pump Information



Pump Status

on
 Today's Usage
 5
 1 Week Usage
 194

Solution Control Loop

Target	Actual
7.0	7.02
Output	Mode
3.9	Auto

Tank Values

High Level	90%
Target	75%
Low Level	60%
Critical	20%

Maximum Capacity
290 Gallons

Actual Level
39.8%

System Status

Running

Water Flow in

38.3 GPM

Treated Flow Out

39.7 GPM

Today's Usage

Water in
20,104 gallons

Solution
74.5 gallons

Treated out
20,239 gallons

1 Week Usage

Water in
104,235 gallons

Solution
352.8 gallons

Treated out
104,278 gallons

1 Month Usage

Water in
467,233 gallons

Solution
1,487 gallons

Treated Out
467,231 gallons

Level Control Croup

Target
75%

Actual
39.5%

Output
96.4%

Mode
Auto

Solution Control Loop

Target
800 ppm

Actual
787 ppm

Output
63.6%

Mode
Manual