

Constant Chlor™ Disinfection System

A cost-effective solution for municipal
water treatment applications



- Consistent and reliable disinfection
- Reduced chemical handling risks
- Reduced shipping and handling costs
- Reduced operator maintenance

Technology Overview

Chlorination is a reliable method to disinfect municipal drinking water and wastewater, but not all disinfection systems deliver the same value. Municipal wastewater plants and drinking-water plants need solutions that ease containment challenges, mitigate risks from accidental release and reduce costs. More and more plants want to replace chlorine gas and other less reliable chlorination systems with calcium hypochlorite-based technologies.

The Constant Chlor disinfection system from Solenis is a reliable, cost-effective solution for municipal water treatment applications. Using a unique chemical briquette and advanced feeder technology, the system produces a fresh, concentrated liquid chlorine solution that controls bacteria and algae and prevents organic contaminants.



Constant Chlor System Capabilities

The system uses EPA-registered briquettes that work in conjunction with a proprietary feeder to produce a consistent 1.2–1.5% concentrated liquid chlorine solution. The Constant Chlor feeder complies with NSF/ANSI Standard 61. It features a compact design and an easy-to-use touch screen, and provides confirmation of system status and an alarm warning in case of a system upset. An optional system for measuring and recording chemical usage is also available.

The Constant Chlor briquettes are made from high-strength 65% minimum active chlorine, feature a pillow shape that creates a well-packed spray bed, and comply with NSF/ANSI Standard 60. A scale inhibitor is blended with the active chemical to help prevent scale formation inside the chlorination chamber, ensuring reliable performance of the system.

Working together, the Constant Chlor feeder and briquettes can treat up to 10 million gallons of water per day.



Feeder Features	Briquette Features
Compact design and easy installation	Dry, stable product with long shelf life
NSF/ANSI Standard 61 compliant	65% minimum active chlorine formulation
Minimal operator dosage adjustment	Scale inhibitor for reliable performance
HMI touch screen and SCADA compatible	NSF/ANSI Standard 60 compliant
Compatible with positive displacement pumps	AWWA Standard B300 compliant

More Information

For more information about the Constant Chlor disinfection system, please contact your local Solenis field representative or visit us online at [solenis.com](https://www.solenis.com).