



Safe, reliable
ClO₂ — without
the complexity

Simplify Chlorine Dioxide Generation with Apex InsituChem™

OVERVIEW

Chlorine dioxide is one of the most effective solutions for biofilm and microbial control—but traditional generation methods introduce safety risks, complexity, and high operating costs.

Handling multiple chemicals, managing inconsistent performance, and maintaining safe operation can create ongoing challenges.

Apex InsituChem™ simplifies ClO₂ generation—delivering safe, reliable performance with lower cost and complexity.

THE APEX SOLUTION

Apex InsituChem™ On-Site ClO₂ Generation System is designed to deliver safe, consistent chlorine dioxide production using a simplified, single-chemical approach.

- **Single precursor system**—eliminates multiple chemical handling
- **Improved safety** requiring no acid handling
- **Consistent ClO₂ production** on demand
- **Lower operating cost** through simplified chemistry makeup

Safer ClO₂ Generation Starts Here



WHY APEX?

Apex simplifies chlorine dioxide programs through integrated support, system oversight, and ongoing optimization. From installation to operation, our team ensures safe, reliable performance while reducing complexity for your operators.

- **Integrated** service, monitoring, and support
- **Proven** programs designed for real-world conditions
- **Deep** water and process expertise

OPERATIONAL IMPACT

Apex InsituChem™ reduces system complexity while improving control and performance—helping facilities operate more safely and efficiently.

- **Safer operation** with reduced chemical risk
- **Simplified** chemical handling and storage
- **Lower** total cost of ownership
- **Improved** cleanliness and biofilm control

REAL-WORLD RESULTS

Facilities implementing Apex InsituChem™ achieve safer operation, simplified chemical handling, and more consistent disinfection performance—resulting in improved system reliability and greater operational confidence.

HOW IT WORKS

Apex InsituChem™ generates chlorine dioxide on-site using a single precursor—sodium chlorite—and electrical energy. This electrochemical process eliminates the need for multiple chemicals, reducing safety risks while producing consistent, on-demand ClO₂ for reliable system performance.



SIMPLIFY YOUR ClO₂ PROGRAM

Connect with Apex to improve safety and optimize performance.

Scan the QR code to learn more about our biofuels offerings.

