



Electrochemical chlorine dioxide generators offer the safest and most efficient method of onsite chlorine dioxide generation. Using only a single chemical plus electricity means less hazardous materials have to be handled by facility staff. The Electricide® generators from Dioxide Pacific combine years of experience, innovative design and practical application to provide an effective, efficient and safe option to clients interested in onsite generation of chlorine dioxide.



**Electricide® electrochemical
chlorine dioxide generator**

TYPICAL APPLICATIONS

The use of chlorine dioxide is limitless. However, some widely used applications include:

- Cooling tower microbiological control
- Healthcare secondary disinfection
- CIP sanitization
- Condensate of Whey (COW) water disinfection for re-use
- Process water disinfection
- Potable water disinfection
- Wastewater disinfection
- Membrane (RO, NF, UF) sanitization
- Vegetable and fruit washing
- Water for greenhouse irrigation
- Thermal energy storage (TES) water
- Iron and manganese oxidation
- Cooling system macro and micro fouling control for fresh and sea water circuits

FEATURE	BENEFIT
50 Built-In Safety Features	Reduced risk to building occupants and operators.
Single Precursor Chemical	Less potential for spills. No potential interaction between chemicals.
Chlorite Conversion > 80%	Lower chemical usage means lower cost and reduced chemical handling.
Solution Generated by Gas Injection	High purity chlorine dioxide solution results in lower levels of disinfection by-products and better corrosion control
Neutral pH	No need for pH correction in the treated water.
2,000 ppm ClO₂ Solution	Less chemical storage. Facilitates multiple feed points from single generator.
Built in State-of-the-Art Controls	No external controller needed. Advanced control algorithms developed by manufacturer.
Remote Monitoring	Remotely diagnose and correct problems. Predictive failure notification and root cause analysis if failures occur. Remote updates to software by manufacturer.
Off the shelf components	Better availability and lower cost of replacement parts.

Watertech of America Inc. is a Dioxide Pacific distributor.

