

REACTION:



- ☑ Remote Monitoring
- ☑ 99.8% Pure ClO₂
- ☑ Single Chemical
- ☑ No Chlorine Gas
- ☑ No Bleach
- ☑ No Acid
- ☑ Neutral pH
- ☑ OIT Control
- ☑ Safe
- ☑ Reliable
- ☑ Powerful

SC-SERIES CHLORINE DIOXIDE GENERATORS

SoLoChem™ offers safe and reliable generation of pure ClO₂ gas using a single precursor, Sodium chlorite. B-Series Generators make pure ClO₂ gas applied directly into the treated flow. For multiple injection points, our C-Series uses an integrated storage tank and makes a safe and stable 500 to 3,000 ppm ClO₂ solution. The liquid is injected into multiple dosing points with up to 6 different control options. Only SoLoChem™ offers process flexibility like this! SC-Generators are available from ¼ lb up to 500 lbs ClO₂ per day. CALL US!





SINGLE CHEMICAL DISINFECTION



ASHRAE 188P for *Legionella* minimization requires a **HAACP Plan**. ClO_2 has proven most effective for building water, hot water, decorative fountains, cooling water, and whirlpool spas. Not all ClO_2 generators are equal. **SoLoChem™** is the best available technology (BAT) for treating potable water. **SoLoChem™** generates 99.8% pure ClO_2 and does not contribute regulated chlorite ion from unreacted precursor. All 2-chemical acid-chlorite generators contribute both acid and chlorite ion into the treated water at less than 80% chemical efficiency. Simplicity and safety make **SoLoChem™** the choice for building water applications. **Get SoLoChem™!**



Tired of acid cleaning chillers? Tired of punching tubes? Tired of using poisonous non-oxidizing biocides? Tired of wasting water by flushing, and filling? Tired of microbiologically induced corrosion (**MIC**) destroying pipes? It is time to consider **ElectroTreat**. The **SoLoChem™** generator is a key component in an effective cooling water program. **STOP** buying disinfection on a price per pound, and **STOP** adding more biocides to get better results. **BIOFILM** in towers, chilled water, and thermal storage (TES) loops is stealing your **ENERGY!** An **ElectroTreat** program featuring **SoLoChem™** operates at **< 1-2 ppm** and can pay for itself in **< 1 year!** **GO GREEN!**



Whether for drinking, bathing, washing fruits and vegetables, juice production, carcasses wash at a chicken plant, table wash at a fish processor, or bottle rinse at a brewery; process water is dramatically enhanced by **SoLoChem™ ClO_2** . **FDA, EPA, USDA, KOSHER, and ORGANIC** approved for various uses in potable water and food & beverage processing, ClO_2 is approved to **0.8 ppm** residual in potable water, and higher concentrations in various industrial wash down, CIP, sanitizing, and odor control applications. The simplicity, safety, and purity of **SoLoChem™** makes ClO_2 more useful than ever! **Call our application experts today!**

1403GCS

NEUTRAL pH & 99.8% PURE

B & C-SERIES GENERATORS



SoLoChem™ generators make **pure ClO₂** from **one precursor**, Sodium chlorite liquid (5-31%). **ElectroTreat's** design separates pure **ClO₂** gas from the precursor liquid solution making the highest purity **ClO₂** on the market. The ultra high purity **ClO₂** is **neutral pH, non-acidic**, making it ideal for closed loops, reuse, or any recirculating system. For single point injection, the B-Series units produce **pure ClO₂ on demand**. B-Series is ideal for building water, hot water, batch tanks, and cooling loops. For multiple injection points, or high pressure injection, our C-Series units provide up to four (4) **ClO₂** pumps with Allen Bradley PLC control, and Red Lion OIT.



B-Series (Basic) SoLoChem™ Generator

- ⇒ Educt ClO₂ directly into treated solution
- ⇒ Ideal for tower basins, tanks, pits, or closed loops
- ⇒ Requires grit free motive flow
- ⇒ Eliminates storing and venting issues
- ⇒ Can feed a concentrated solution tank (vent needed)
- ⇒ Not recommended for high pressure applications
- ⇒ PLC Control with Optional Remote Communication



C-Series (Complete) SoLoChem™ Generator

- ⇒ Makes up to 3000 ppm pure ClO₂ solution
- ⇒ Can feed into high PSI processes with control (up to 200 PSI)
- ⇒ Control up to four (4) pumps with Allen Bradley Micrologix PLC
- ⇒ On board solution tank (Concentrator)
- ⇒ Turnkey generator, solution tank, and distribution pumps
- ⇒ Special venting required
- ⇒ PLC Control with Optional Remote Communication

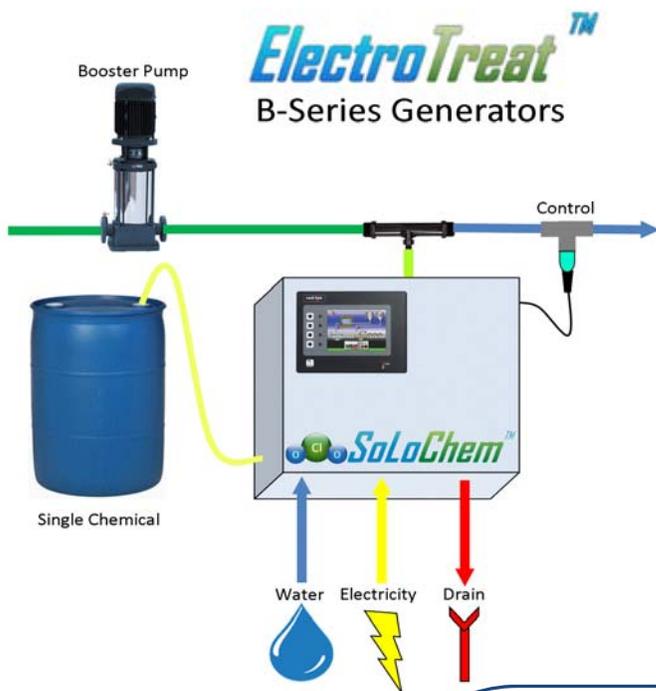


© ElectroTreat, LLC 2014

ADVANCED DISINFECTION

ElectroTreat™

ADVANCED WATER CHEMISTRY



MODEL	PRODUCTION	DIMENSIONS & WEIGHT	UTILITY (water / electrical)
Micro-SC	< 1/4 lb per day	30"L x 24"W x 34"H 70 lbs	1/2" NPT Water 115V 20A Single phase
SC-3	< 3 lbs per day	30"L x 24"W x 34"H 70 lbs	1/2" NPT Water 115V 20A Single phase
SC-10	< 10 lbs per day	42"L x 28"W x 80"H 500 lbs	1/2" NPT Water 230V 20A Single phase
SC-25	< 25 lbs per day	48"L x 28"W x 80"H 800 lbs	3/4" NPT Water 230V 25A Single phase
SC-50	< 50 lbs per day	100"L x 28"W x 80"H 1600 lbs	3/4" NPT Water 230V 30A Single phase
SC-100	< 100 lbs per day	140"L x 36"W x 80"H 2700 lbs	3/4" NPT Water 460V 40A Three phase
SC-150	< 150 lbs per day	150"L x 36"W x 80"H 3000 lbs	3/4" NPT Water 460V 60A Three Phase
SC-250	< 250 lbs per day	200"L x 36" W (open frame) 3500 lb	1" NPT Water 460V 80A Three Phase
SC-500	< 500 lbs per day	200"L x 36" W (open frame) 4000 lb	1" NPT Water 460V 100A Three Phase

Representative:



PUROLOGIX™
WATER SERVICES, INC.

"Saving Energy Through Clean Water"

Phone: 919-577-1178 / 919-624-6569

Fax: 919-577-1128

E-mail: sales@purologix.com

www.purologix.com

DID YOU KNOW?

BIOFILM is **5 times** more insulating than the equivalent thickness of scale! You are probably wasting energy. Ask ElectroTreat for a **FREE ENERGY AUDIT!**

