

Sea water based Electro-chlorinator

Electro-chlorination system is a water treatment technology that produces a disinfectant, Sodium hypochlorite (NaOCl), on-site and on-demand using a process called electrolysis. This method eliminates the risks and logistical issues of transporting and storing hazardous chemicals like chlorine gas, bleach.

HARNESSING THE POWER OF THE OCEAN

Uses Sea water +Electricity to generate disinfectant on-site (~1800 ppm)

Harness the power of the ocean to create a powerful disinfectant on-site. SENCO's Seawater Electro-chlorination Systems provide a safe, reliable, and cost-effective solution for water disinfection.

Our systems are engineered to offer robust, uninterrupted protection against biofouling and harmful microorganisms in any seawater intake application.

KEY APPLICATIONS:



Cooling & Process water disinfection



Ballast water disinfection



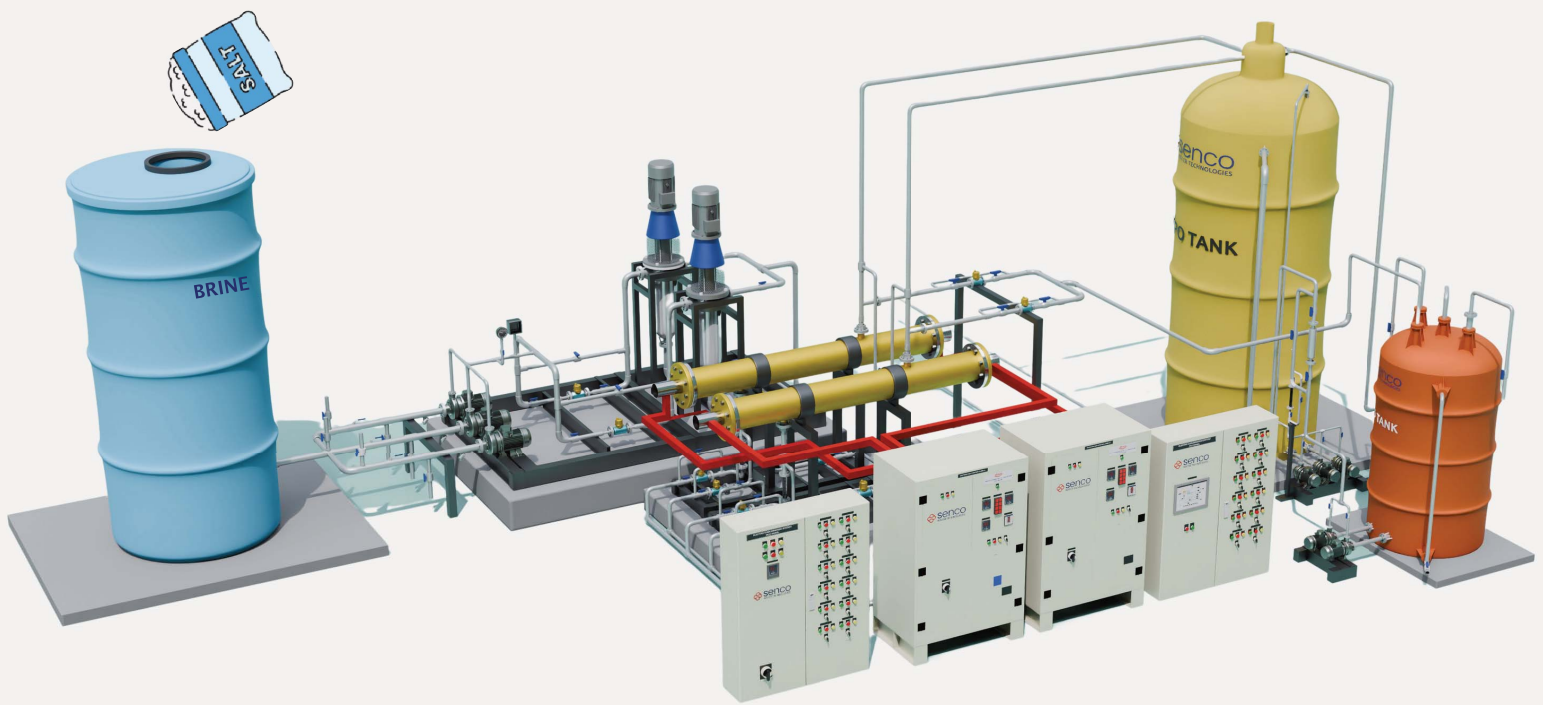
Desalination pre-treatment



Waste water disinfection



Off-shore fire protection system



Brine based Electro-chlorinator

Uses Salt/ Brine, water +Electricity to generate disinfectant on-site (~8000 ppm)

TRANSFORMING COMMON SALT INTO UNRIVALLED PROTECTION

SENCO's Brine-Based Electro-chlorination systems provide the ultimate in safety and precision for locations without access to seawater. By using common salt and water, these systems offer complete control over the disinfection process.

Our systems are engineered to offer consistent chlorine concentration for any application.

KEY ADVANTAGES

- ✔ Enhanced Safety
- ✔ Cost-Effective Operation
- ✔ Precision & Purity
- ✔ Universal Applicability
- ✔ Fully Automated System
- ✔ Uninterrupted Protection

KEY APPLICATIONS



Municipal & Public water supply



Power plants (Inland)



Industrial water treatment



Commercial pools & Theme parks



Hospitals & Healthcare



Batch type Electro-chlorinator

- ✓ Produces chlorine on-demand in fixed batches for controlled water treatment
- ✓ Ideal for small to medium-scale applications like municipal or industrial water systems
- ✓ Simple, safe, and easy-to-operate system with minimal maintenance
- ✓ Ensures precise dosing and consistent water disinfection

Sl.No	Model	Batch Time (Hrs)	Quantity of Cl in a Batch (Gms)	Quantity of Cl per hour (Gms)	Water Required Per Batch (Lts)	Weight of Salt Required Per Batch (Kg)	Power Consumption Per Batch (KW)	Quantity of Hypo Generation Per Batch (Lts)
1	Senco 5	8	50	6.25	8	0.25	0.25	8
2	Senco 20	8	200	25	30	0.9	0.9	30
3	Senco 50	8	500	62.5	70	2.25	2.25	70
4	Senco 100	8	1000	125	140	4.5	4.5	140
5	Senco 200	8	2000	280	280	9	9	280
6	Senco 400	8	4000	560	560	18	18	560

SENCO WATER TECHNOLOGIES PVT LTD

📍 11, 11-A, Private Industrial Estate, SIDCO Post, Coimbatore -641021

04222672098/12 | info@sencoindia.in | www.sencoindia.in