



Senco Electro-chlorinators are compact systems which produces sodium hypochlorite solution from salt water or sea water by the process of electrolysis. As these are produced at site these are also called as ON SITE SODIUM HYPO-CHLORITE GENERATORS.

Senco system produces SODIUM HYPO-CHLORITE SOLUTION of strength 7-8 grams/lit, so it is very easy to handle, when compared to commercial sodium hypochlorite solution, Gas chlorine or Bleaching powder.

SODIUM HYPO-CHLORITE SOLUTION is a very strong oxidizing agent and a strong Disinfectant that kills all pathogens in water and prevents common water borne diseases like cholera, typhoid, Paratyphoid, dysentery, etc.

Solution of water and common salt or sea water is the electrolyte, which is converted to SODIUM HYPO-CHLORITE SOLUTION, when electricity is passed through the MMO coated Titanium electrode for a fixed time. The reaction is

(Batch of 8 hours)



Salient Features

Compact and Place Saving.

Titanium Electrolyser.

Raw material is only salt, water and electricity.

No problem of handling and storing.

The strength does not degrade over time.

Very low operating cost (1kg equivalent chlorine can be produced from 4.5Kg of salt and 4.5 Kilowatts of (AC) Electricity.

Non Corrosive FRP tanks.

Long Life of MMO Coated Electrodes.



General Specification

Input AC	- 220V, 50Hz
Anode	- Mixed Metal Oxides (MMO) Coated Titanium
Cathode	- Mixed Metal Oxides (MMO) Coated Titanium
Reactor Tank	- FRP
Control module	- Comes with Electronic Timer with auto stop after any preset time within 24 hours.

Specifications

S.No	Model	Batch Time Hrs	Quantity of Cl ₂ in a Batch Gms	Quantity of Cl ₂ Per Hour Gms	Water Required Per Batch Lts	Weight of Salt Required Per Batch Kg	Power Consumption per Batch KW	Quantity of Hypo Generated 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	250	280	9	9	280
6	Senco 400	8	4000	500	560	18	18	560



Applications

- Municipal and Rural water supply schemes.
- Water treatment plants,STPS and ETPS.
- Cooling Towers.
- Power Stations to Control Biofouling.
- Ballast water in ships.
- Fire Water Systems.
- Swimming pools,Water theme parks.
- Hotels,Apartments,Hospitals...

Dealers:



Manufactured by:
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ISO 9001: 2008
Certified Company



Electro Chlorinators

