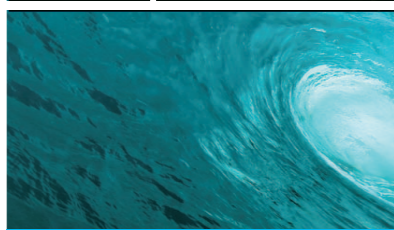
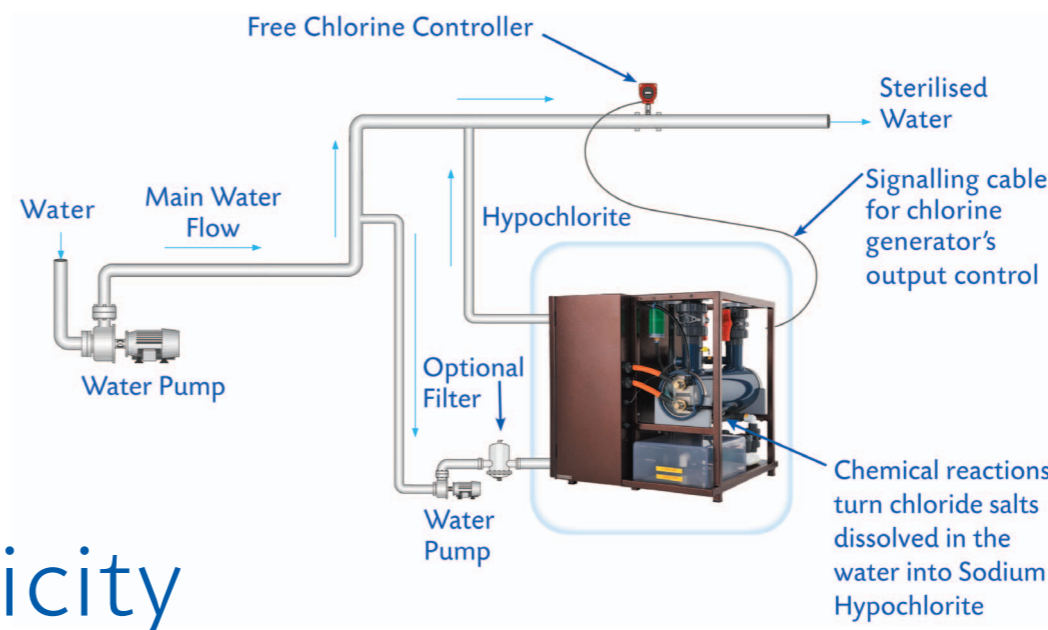


Advanced Salt Water Sanitation




autochlor[™]
SALT WATER CHLORINATION



SR/SA SERIES
 Powered By Switch Mode Power Supply (SMPS)
 Non-reverse polarity
 Salinity Range: 3,000 – 360,000 mg/L
 Input AC Power Consumption 6 kWh/kg
 Standard Range: 100-18,000 g/h Output
 Purpose Build above 18,000 g/h Output

SRC/SAC SERIES
 Powered By Switch Mode Power Supply (SMPS)
 Reverse Polarity
 Salinity Range: 2,000 – 360,000 mg/L
 Input AC Power Consumption 5.8 kWh/kg
 Standard Range: 100-18,000 g/h Output
 Purpose Build above 18,000 g/h Output

Autochlor™ = Saltwater + Electricity

Autochlor™ is revolutionary

National winner in the 2005 Yellow Pages Business Idea Grant and silver winner at the 2008 International Gaia Awards in Dubai for its revolutionary features, Autochlor™ is an on-site in-line chlorine generation plant capable of producing chlorine in salt water.

Autochlor™ is cost effective

Powered by Switch Mode Power supply Autochlor™ delivers 60% savings on electrical power consumption and automatically adjusts to water of any salinity.

Autochlor™ is green

Virtually eliminating the need for dangerous chemicals, Autochlor™ is a safe and environmentally friendly alternative to traditional water treatment. Green Building Scheme Pre-Assessment found this product highly likely to contribute to the achievement of Green Building rating tool credits.

Autochlor™ is versatile

Various designs developed to suit many applications. Autochlor™ can be retrofitted to any existing installation. Autochlor™ comes skid-mounted and pre-assembled for easy installation, or as a modular unit, allowing the system to be installed into confined places.

Autochlor™ is safe

Autochlor™ eliminates chemical contamination risk to the environment and operator exposure to dangerous fumes. Australian made and designed, Autochlor™ is robust, reliable and comes with a three-year warranty.



How it Works

Autochlor™ is an on-site in-line plant capable of producing chlorine in salt water.

Autochlor™ utilises chloride salts dissolved in the water through a process of electrolysis to generate Hypochlorite. Non-chlorinated water passes through Autochlor's™ electrolytic cell (electrode) and leaves with the required chlorine residual.

AIS offers an extensive range of Autochlor™ chlorine generators from traditional transformer based to the most advanced, powered by switch mode power supply with reverse polarity (reduced maintenance) electrodes.

Autochlor™ commercial units are available with reverse/non-reverse polarity switch mode power supply or purpose built transformer and rectifier. All commercial units come with sealed internal active cooling system using radiator (SR, SRC) or air conditioner (SA, SAC). These units are weatherproof and suitable for hot, humid, dusty and corrosive environments.

Applications:

- ✓ Spa and Swimming Pools
- ✓ Aqua Parks
- ✓ Lagoons
- ✓ Water features and Fountains
- ✓ Aquariums with seawater animals
- ✓ Cooling water for power stations
- ✓ Seawater for cooling towers
- ✓ Seawater for a ship's ballast
- ✓ Pre-treatment of seawater before desalination

Benefits:

- ✓ Eliminate the dependence on commercial chlorine suppliers
- ✓ Avoid the risk inherent in the transport and handling of chlorine products
- ✓ Lower the operating costs
- ✓ Achieve a complete automatic process which requires minimal operator attendance



AC SERIES
 Traditional Transformer Based Chlorine Generator
 Non-reverse polarity
 Salinity Range: 4,500 – 6,500 mg/L
 Input AC Power Consumption 14 W/g
 Standard Range: 5-100 g/h Output

RP SERIES
 Reverse Polarity version of AC Series
 Reduced Electrode Cleaning Maintenance by up to 95%
 Salinity Range: 4,500 – 6,500 mg/L
 Input AC Power Consumption 14 W/g
 Standard Range: 5-92 g/h Output



SMC SERIES
 Powered By Switch Mode Power Supply (SMPS)
 Reverse Polarity
 Salinity Range: 4,000 - 35,000 mg/L
 Input AC Power Consumption 10 W/g
 Standard Range: 20-30 g/h Output





About Australian Innovative Systems (AIS)

Water is fast becoming a scarce resource for many countries. The effects of climate change and population growth will only escalate demand, especially in developing regions.

Australian Innovative Systems Pty Ltd (AIS) is committed to improving water quality via cost effective, eco-friendly innovation. With over 35 years experience, we focus on delivering solutions that improve customer performance.

In doing so, we aim to reach beyond geographical and cultural boundaries. We believe that access to clean water should not just be a luxury enjoyed by few, instead a basic right accessible to all.

Our technology aims to make a difference in the lives of others. Future generations will benefit greatly from the work being done today, as we strive to bring clean water to communities around the globe.

Other Services include:

- Custom Design
- Consulting
- Installing
- Commissioning
- Scheduled Servicing

Other Products include:

- Chlorogen™
- Ecoline™
- AIS Anode
- Electrodes
- pH Controllers



Your local dealer:

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