

Inline Chlorine Generation

- Bid farewell to conventional chlorine dosing
- Revolutionising the commercial aquatic industry
- Introducing Simpler, Safer and Smarter Technology

AN INVALUABLE GUIDE FOR:

- FINA-standard Swimming and Diving Facilities
- Municipal Pools and Leisure Facilities
- Water and Theme Parks
- Lagoons and Water Features
- Hotels, Resorts and Spas
- Schools and Universities
- Swim Schools
- Architects and Product Specifiers
- Councils and Body Corporates
- Industry Professionals

Simpler. Safer. Smarter.
AISWATER.COM.AU

AIS
Australian Innovative Systems

A celebration of Australian innovation

At AIS we have celebrated over 25 years of innovation and success. It's what has earned us our reputation as 'game changers' in the water disinfection industry.

Our unwavering commitment to research and development, along with excellence in manufacturing, has delivered a long list of achievements for our company.

They include designing and manufacturing world-first technology, winning hundreds of international and national awards, and hosting visits from VIP clients, Prime Ministers and politicians.

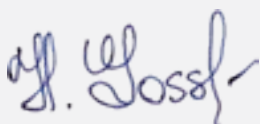
The one achievement we are most proud of however is that our technology is trusted by leading aquatic centres, swim schools, competition swimming pools, resorts, hotels, water parks and family swimming pools all over the world.

But don't just take our word for it.

You'll see some examples of our technology in action on the following pages.

Inline chlorine generation via electrolysis is simpler, safer and smarter. It puts an end to hazardous conventional chlorine dosing and the costs and risks associated with it.

We're passionate about transforming the future of water disinfection. It's why we specialise in the design and manufacture of chlorine generation technology and why we'll continue to do so for many years to come.



Elena Gosse

CEO, Australian Innovative Systems
Multi-award winning businesswoman, mentor,
inspirational speaker and entrepreneur.





Not all water disinfection is created equal

Chlorine is the only globally recognised disinfectant for swimming pool water. It removes potentially lethal, pathogenic organisms and ensures the water is safe to swim in.

Unfortunately not all water disinfection methods are created equal, and regardless of the method used, a chlorine residual is vital for protection against waterborne pathogens.

Today, there are only two methods for providing a chlorine residual, which are conventional chlorine dosing and inline chlorine generation via electrolysis.

But what is the difference between the two methods and how do they compare?

The main difference between conventional chlorine dosing and inline chlorine generation is how the chlorine is produced, stored and introduced to the pool water.

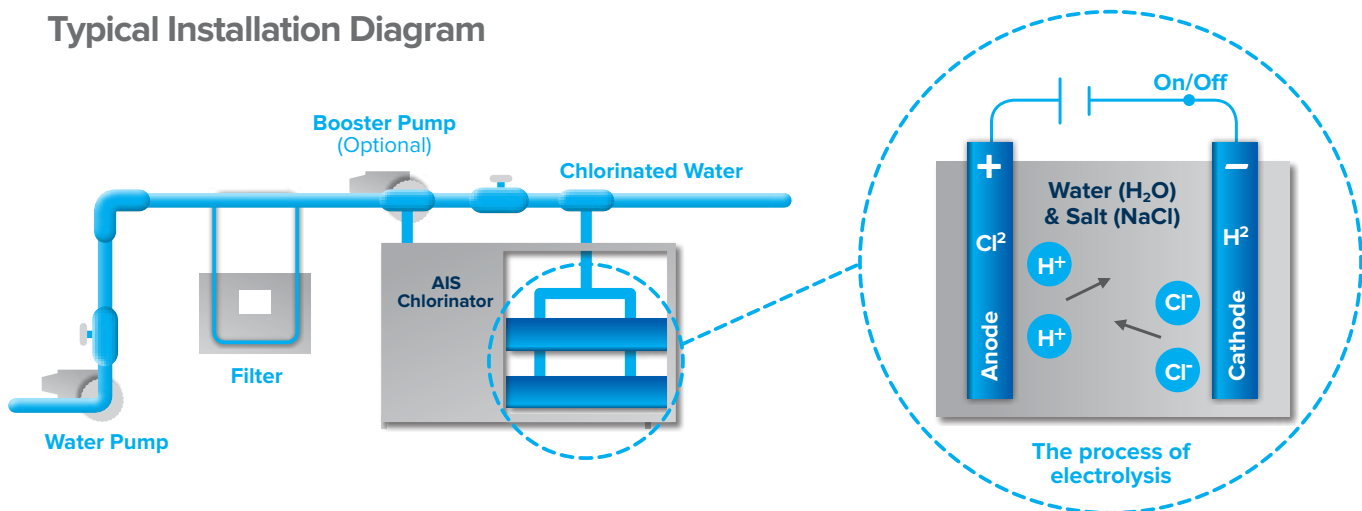
Inline chlorine generation via electrolysis

In a process known as electrolysis, water passes through an electrolytic cell converting minerals and salts to sodium hypochlorite (commonly known as liquid chlorine). The chlorine is then distributed directly into the pool water, keeping it clear and bacteria free.

As the chlorine is produced inline and within the water, there is no need to store or handle chlorine meaning safety risks are drastically reduced, amongst other benefits.

Pools disinfected via electrolysis are known as 'salt-water swimming pools'.

Typical Installation Diagram



Conventional chlorine dosing


Conventionally, pools disinfected by dosing liquid, granular or gaseous chlorine are known as 'chlorinated swimming pools'.

The need to store and handle chlorine attracts significant hidden costs and risks. These include Occupational Health and Safety (OH&S) compliance, the need for Personal Protective Equipment (PPE), increased staff training, and ongoing water dumping and replenishment.

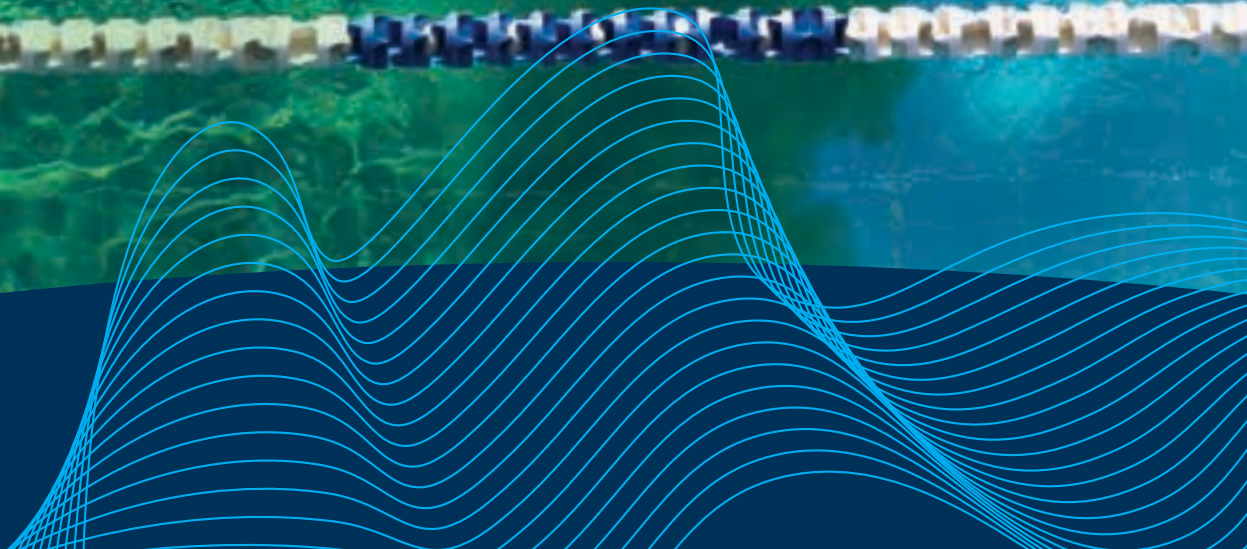
Then there's the much greater cost of potential loss of life.

A conventionally chlorinated swimming pool can be a ticking time bomb.

Is your pool a ticking time bomb?

A horizontal red hazard stripe with diagonal lines, positioned below the main title and above the body text.

There are many risks associated with conventional chlorine dosing including the storage and handling of chlorine. It's time to put a stop to it, once and for all.



1

Potential Weaponisation

Chlorine gas is a hazardous material that can contribute to industrial accidents and/or be used as a potential weapon. The large-scale transportation and storage of chlorine can pose significant safety threats, especially in densely populated areas.

2

Health & Safety Hazards

The transportation of dangerous chemicals such as chlorine, is a major public safety concern. The risk of a potential accident, resulting in a chemical spill or leak is high.

Many accidents at swimming pools are also related to chlorine exposure. They can be caused by improper mixing of chemicals and subsequent chlorine off-gassing, leading to disastrous (or fatal) impacts to humans as well as significant equipment damage.

3

Perpetual Increases in TDS Level

Liquid chlorine and calcium hypochlorite dosing constantly increases Total Dissolved Solids (TDS) and salt levels in pool water.

A high TDS level compromises water quality leading to cloudy water and scale deposits in addition to pool equipment corrosion. It can also cause irritation to swimmers' skin and eyes.

Maintaining the appropriate TDS level in competition swimming pools is crucial for meeting FINA Certification standards.

4

Perpetual Increases in Water Hardness

Calcium hypochlorite constantly increases water hardness which then negatively impacts the water chemistry along with swimmers' comfort levels.

High levels of water hardness can lead to unbalanced and cloudy pool water, scaling, reduced chlorine efficacy, compromised chlorine testing and filter/heater inefficiency.

5

Wasteful Water Dumping

There is no miracle product to lower the TDS level or water hardness caused by conventional chlorine dosing. The only way is to drain (partially, or completely) and refill the pool. The financial and environmental costs of water waste are significant.

Embrace the benefits of inline chlorination

Inline chlorine generation via electrolysis is the future of water disinfection. It delivers all the benefits of clean and bacteria free water without the risks associated with conventional chlorine dosing.



**1**

Eliminates Potential Weaponisation

Via the process of electrolysis, chlorine is produced onsite and inline using minerals and salts dissolved in pool water. The need for off-site chlorine production, transportation and storage is completely eliminated, along with the associated public safety risks.

2

Improves Health and Safety

By breaking the cycle of constant chlorine deliveries, storage and handling, health and safety hazards are significantly reduced. There is no direct human contact with chlorine, and therefore no training or PPE required.

Risks associated with chlorine exposure caused by the improper mixing of chemicals or chlorine off-gassing are eliminated. So too are the chances of accidental chlorine inhalation, splashes or burns.

3

Keeps TDS Level Stable

Inline chlorine generation via electrolysis does not increase salinity or TDS levels, as it converts salts and minerals present in pool water to chlorine.

AIS' ground-breaking EcoLine® technology has enabled inline chlorine generation even in FINA standard competition pools.

4

Stabilises Water Hardness

With inline chlorine generation, high calcium hardness is a thing of the past. There is no artificial raising of water hardness via added calcium hypochlorite.

5

Protects the Earth's Most Valuable Resource

Inline chlorination results in more stable TDS and water hardness levels. It helps to protect the planet's most valuable resource, water, by eliminating the need for purposeful and wasteful water dumping to control water chemistry.

Dive into the future

Join the chlorination revolution

Inline chlorine generation via electrolysis is revolutionary. It lets you bid farewell to conventional chlorine dosing forever (along with the associated costs, hassles and health and safety risks).

AIS' award-winning technology is a simpler, safer and smarter way to disinfect pool water, even at low TDS levels.

Simpler

- Stops dependence on chlorine deliveries
- Eliminates the need to monitor and manage chlorine stocks
- Eliminates shelf life concerns of storing liquid chlorine
- Minimises operator attendance

Safer

- Minimises the health and safety risks associated with conventional chlorine dosing (including the handling and storing of liquid, granular or gaseous chlorine)
- Produces chlorine onsite and inline, minimising exposure to toxic chemicals
- Eliminates the risk of chlorine leaks, spills and off-gassing
- Removes chlorine trucks from public roads, highways and densely populated areas

Smarter

- Provides a continuous source of onsite, inline chlorine production
- Produces chlorine on-demand, and in required quantities
- Eliminates the need for chlorine storage
- Keeps TDS and water hardness levels stable, reducing the need for water dumping or replenishment





Destroying Chloramines

Inline chlorination via electrolysis helps to improve air and water quality by destroying chloramines.

Chloramines give chlorine a bad name.

While chlorine is globally recognised as an effective and efficient disinfectant, many people confuse chloramines with chlorine.

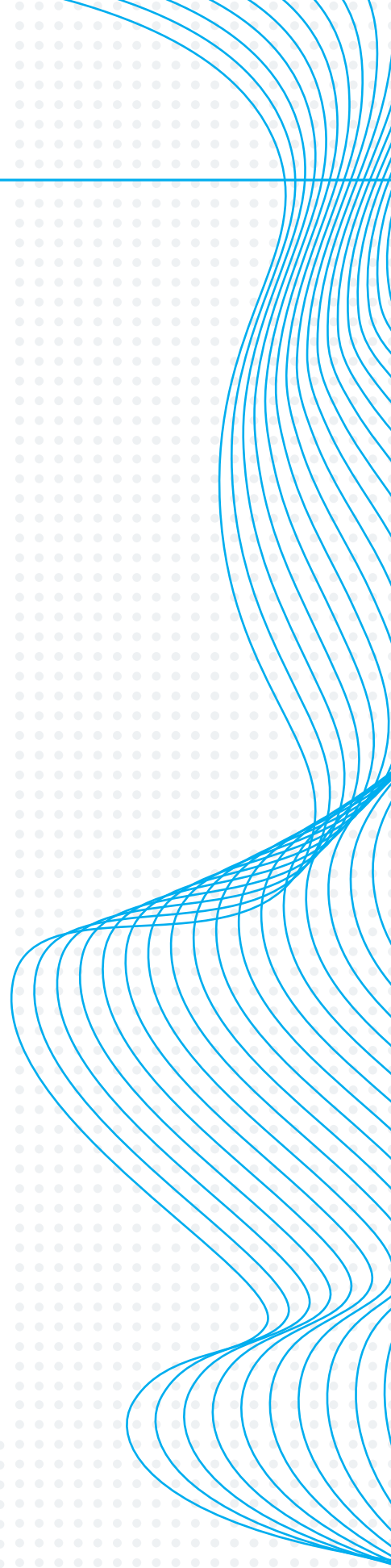
Chloramines are chemical by-products caused by the reaction of free chlorine with substances such as urine, faeces, sweat, body oil, cosmetics, etc, introduced to pool water by swimmers. AIS calls these Swimmer Introduced Nasties (SIN's).

Chloramines or combined chlorine causes eye and skin irritation and even respiratory illnesses to pool staff and patrons, as well as undermining the efficacy of free chlorine.

Chloramines, and not free chlorine, are responsible for the distinctive strong "chlorine" odour. If not addressed, chloramines can build up to toxic levels which then contribute to poor air and water quality (particularly in indoor swimming pools).

AIS' simpler, safer and smarter technology helps to destroy chloramines which is particularly beneficial in indoor swimming pools.

Due to breakpoint chlorination at the electrode, AIS technology helps to keep chemical by-product levels at bay and pool water clean and bacteria free.





Award winning salt-water technology

AutoChlor®

For salt-water pools

AutoChlor® is a well-recognised, global brand of inline chlorine generators designed for salt-water, coastline and seawater pools with salinity levels between 4,000 - 35,000ppm.

OUTPUT RANGE FROM: 100 - 5000 G/HR



SALT-WATER SWIMMING POOL

SALINITY RANGE: 4,000 - 6,000 PPM.
A SALT-WATER POOL IS MAINTAINED BY ADDING POOL SALT.



COASTLINE SWIMMING POOL

SALINITY RANGE: 4,000 - 35,000 PPM.
A COASTLINE SWIMMING POOL USES A COMBINATION OF MAINS WATER AND SEAWATER. SEAWATER IS USED TO MAINTAIN SALINITY LEVEL.



SEAWATER SWIMMING POOL

SALINITY RANGE: 15,000 - 35,000 PPM.
A SEAWATER SWIMMING POOL USES WATER DIRECTLY FROM NATURAL WATER SOURCES SUCH AS SEAS, BAYS AND OCEANS, WHICH IS ALREADY HIGH IN SALINITY.



Image shown: AutoChlor® SRC-300

In 1995 AIS launched its first commercial salt-water chlorine generator. The market enthusiastically embraced AutoChlor's® quality, design and outstanding performance.

Today, award winning AutoChlor® remains the chlorine generator of choice and is disinfecting thousands of swimming pools in resorts, hotels, public swimming pools, aquatic centres, swim schools, lagoons, water parks and schools in more than 55 countries worldwide.

Ground breaking freshwater technology

EcoLine®

For freshwater swimming pools

EcoLine® is a world first inline chlorine generator designed for low-salinity and competition swimming pools with TDS levels between 1,200ppm and 4,000 ppm.

OUTPUT RANGE FROM: 130 - 3,000 G/HR

✓ FRESHWATER SWIMMING POOL
TDS RANGE: 1,200 - 4,000PPM

AIS DEFINES A COMMERCIAL FRESHWATER SWIMMING POOL AS POOL WATER WITH TDS LEVELS BETWEEN 1,200 - 2,500 PPM.

In 2008 AIS launched the EcoLine® range of commercial chlorine generators for competition swimming pools.

AIS has redefined the future of freshwater swimming pool water disinfection, by enabling inline chlorine generation via electrolysis from a TDS level as low as 1,200 ppm.

EcoLine's® innovation has been subject to national and international acclaim and recognised many times over with awards and accolades.

EcoLine® reduces the risk of salt-induced staining, degradation and corrosion on poolside paving, fixtures and fittings, especially anything made from rust-prone materials.



Image shown: EcoLine® FSRCN-1300

Built to protect and perform

With over 25 years of research and development, AIS' Australian designed and manufactured technology delivers the ultimate in protection, performance and peace of mind.

Switch Mode Power Supply (SMPS)

- Superior alternative to traditional transformers
- Greater energy efficiency
- Significant weight reduction
- Enhanced performance
- Extended electrode life

Sealed Internal Cooling

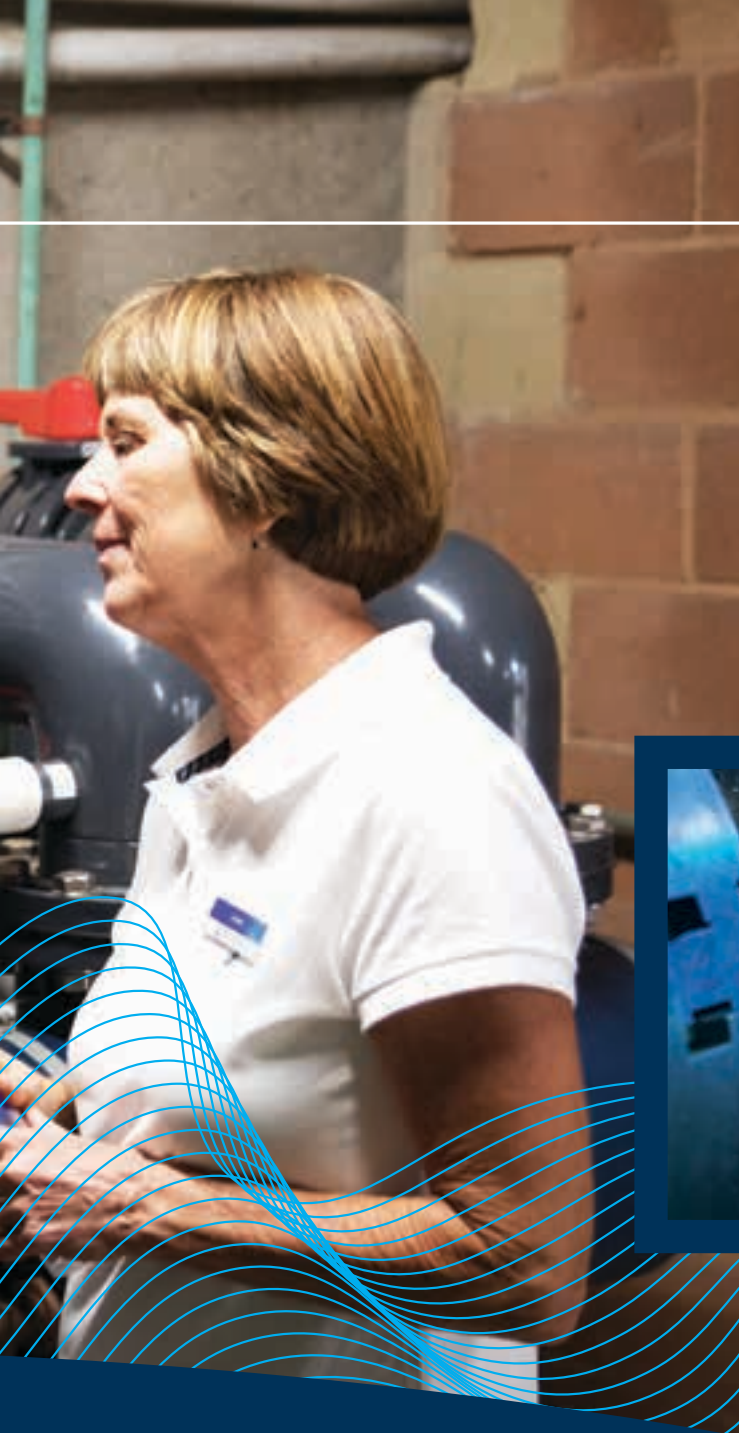
- Sealed internal cooling prevents ingress of hot air, salt, and acid vapours from damaging electrical components
- Excellent protection against corrosion
- Optimal operating temperatures for electronic components
- Titanium core radiator utilises pool water for efficient heat exchange

Skid Mounted Design

- Skid mounted, minimal footprint for easy installation into plant room

Construction

- Built to last using high quality materials
- Frame and box made from powder-coated galvanised steel, and high nominal pressure UPVC piping
- Built to withstand harsh environmental conditions and UV radiation
- Horizontally mounted cells for ease of cell maintenance
- Optional split section frame design for limited access sites



Genuine AIS Anodes™

- Genuine AIS Heavy Duty Anode ensures longevity of electrolytic cell



Built-In Acid Wash System

- Built-in acid wash system for easy maintenance and servicing of electrodes
- No dismantling of the cell for acid cleaning, means less exposure to chemicals making cleaning simpler and safer

Reverse Polarity (RP) For Reduced Maintenance

- Reduces calcium build-up
- Less maintenance of electrodes

Safety Features

- Water flow cutoff switch
- Thermal overload cutoff for water and power supply
- Current overload and overvoltage protection systems
- Pressure relief valve

Warranty

- All commercial chlorine generators are covered by a three-year warranty on power supply and the electrolytic cell.

AutoChlor®

AIS Technology: AutoChlor® SRC-2500 x 6

- **Installation:** January 2018
- **Water type:** Filtered Seawater (20,000+ ppm salinity)
- **Pool Surface:** 2 hectares (20,234.3 m²)
- **Application:** Salt-water lagoon resort swimming pool

Nestled beside Four Mile Beach in tropical North Queensland, the Sheraton Grand Mirage Resort Port Douglas is a jewel that sits between two World Heritage listed attractions, The Great Barrier Reef and the Daintree Rainforest.

This internationally renowned resort boasts Queensland's largest swimmable salt-water lagoon area, spanning over two hectares. Thirteen lagoon pools meander through the property linking the accommodation wings with the main building.

The resort is committed to luxury, reliability and quality - across all aspects of the property.

After six years of using a different technology, the Sheraton Grand Mirage made the switch to AIS' AutoChlor® inline, salt-water chlorine generators.

An elaborate water treatment system captures water directly from the sea at high tide, which is then filtered and treated by six (6) AIS AutoChlor® SRC-2500 units.

With over 20,000,000 litres of swimmable salt-water flowing through this prestigious address, more than 1,000 litres of chlorine is required daily. AIS' award-winning technology satisfies the demand producing chlorine onsite and inline.

There is no longer any need for costly, time-consuming and dangerous conventional chlorine dosing or the transportation, storage and handling of high volumes of liquid chlorine.

The result is much more than beautiful, clean, bacteria free water. The resort's AutoChlor®'s can produce 120 litres of liquid chlorine per hour, onsite and inline, offering staff and swimmers the ultimate in round the clock water disinfection, protection and peace of mind.



Sheraton Grand Mirage Port Douglas Resort



**Sofitel Resort & Spa
Denarau Island FIJI**



AutoChlor[®] SRC-1000

At over 1,000m², the Sofitel boasts one of the largest beachfront, free-form lagoons in the South Pacific. The luxurious hotel also features a 25m lap pool, children’s pool area and water slide. AIS’ AutoChlor[®] keeps the extensive volume of lagoon water in top quality as expected by the hotel’s discerning guests.

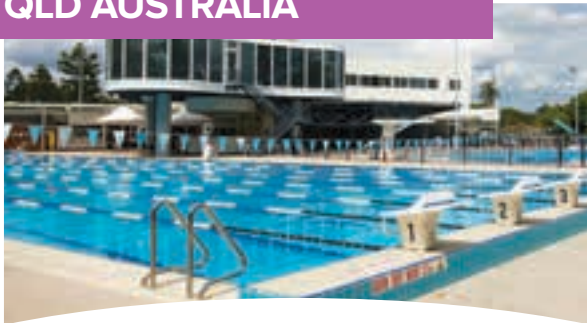
**Azure Urban Resort Residences
Paranaque City PHILLIPINES**



AutoChlor[®] SRC-3000

The true centrepiece of this luxurious resort and residential property is Azure Beach – an impressive 3,500m² man-made beach facility with fine white sand, undulating waves and waterfalls. The lagoon pool is protected by AutoChlor[®] ensuring chlorine is readily available without the expense, inconvenience and risk of handling or storing liquid chlorine.

**Centenary Pool
QLD AUSTRALIA**



AutoChlor[®] SRC-100, SRC-1000 & SRC-2000

The heritage listed Centenary Pool is a popular inner-city swimming destination. It boasts a learn-to-swim pool, wading pool, diving pool and 50-metre Olympic pool. In 2012-13 the site switched from liquid chlorine dosing to AIS technology to address the concerns of chlorine deliveries and handling.

**Cairns Esplanade Lagoon
QLD AUSTRALIA**



AutoChlor[®] SAC-2000 & SRC-2500

Since 2004, this iconic 4,800m² lagoon utilises filtered seawater and is disinfected by Autochlor[®] inline chlorine generators. In 2009 an additional AutoChlor[®] SAC-2000 was installed to handle an increased bather load. After 11 years of continuous service, the original AC-2000 was upgraded to an AutoChlor[®] SRC-2500 to take advantage of the latest technology.

**Valley Pool
QLD AUSTRALIA**



AutoChlor[®] SRC-1500

The Valley Pool is an iconic Brisbane destination for high profile, elite swimmers and athletes, as well as recreational swimmers. The facility has a 50-metre outdoor heated pool that is used for swimming and water sport events. In 2010 the pool welcomed AutoChlor[®], which produces chlorine onsite and inline via electrolysis.

**Scarborough Beach Pool
WA AUSTRALIA**



AutoChlor[®] SRC-625 & SRC-2500

Located on the promenade at Scarborough Beach this world-class recreation facility features a combined 50m and 25m lap pool, and a leisure pool, both geothermally heated. Scarborough made history as the first aquatic facility to adopt inline chlorination via electrolysis at a large scale commercial project in WA, where AutoChlor[®] salt-water chlorine generators will ensure water is disinfected within state health guidelines.



Content contained in the following pages allow you to view **Augmented Reality** video on your phone. Simply download the **UnifiedAR** app from the Apple App Store or Google Play Store. To view, launch the app and point your phone camera at the images marked with the **UnifiedAR** logo.



Scan to view video



Darren Gooda

Operational Manager
JUST Sports and Fitness - Valley Pool

“Our AutoChlor® salt-water system is a welcome change after my previous experience with conventional chlorine dosing. It’s efficient and easy to operate but more importantly it results in positive feedback from our patrons.

“We have a broad cross-section of swimmers here including elite, high-profile, squad and recreational swimmers.

“One thing that is common to all is the compliments we receive about our water quality. It’s not just that the water is clean and clear. It smells, feels and tastes so much better than your standard chlorinated pool.”

John Mandelt

Project Manager
Commercial Aquatics Australia

“It’s been an honour to work on some of Australia’s biggest aquatic projects including the new Scarborough Beach Pool in Western Australia.

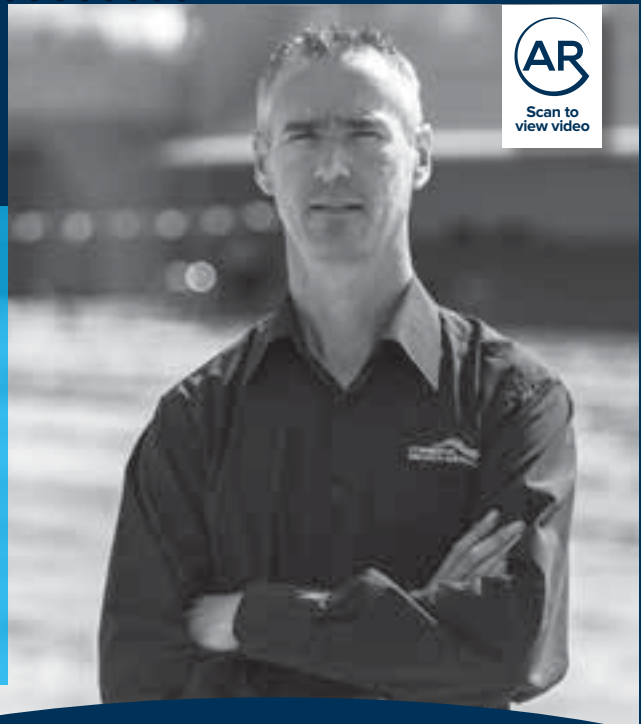
“This pool was the first in WA to adopt AIS’ award-winning AutoChlor® technology and I know it won’t be the last.

“The salt-water chlorinator has such a small footprint, it’s easy to commission and operate, and of course the inline chlorine production makes everything safer, for pool staff and swimmers.

“Reliability, quality, and access to technical support are critical with water disinfection. AIS delivers on all counts.”



Scan to view video



EcoLine®

AIS Technology: EcoLine® FSRCN-650, FSRCN-800 & FSRCN-1300

- **Installation:** June 2017
- **Water type:** Freshwater (1,200+ ppm TDS)
- **Pool Volumes:** 3125m³, 3187m³, 3750m³
- **Application:** FINA Standard competition pools

Originally opened in 1998 for the Commonwealth Games, the National Aquatic Centre (NAC) in Bukit Jalil is a world class venue for sporting excellence. In 2017, it hosted the 29th South East Asian (SEA) Games which featured over 40 international competitive events including swimming, diving, water polo, and synchronised swimming.

The 28,000m² facility is constructed in accordance with the rigorous standards and regulations of the International Swimming Federation (FINA) and features a 50m Olympic sized pool, a 25m diving pool and a 20m training pool.

NAC's water disinfection requirements were specified by leading Australian architect, Will Marcus of ARGO Architects + Masterplanners.

Thanks to AIS technology, inline chlorination is now possible even in FINA standard competition swimming pools. A longtime supporter of inline chlorination, ARGO had no hesitation to specify AIS technology to disinfect water in all three pools.

Capable of generating chlorine in pool water with very low TDS levels (1,200ppm+), ground-breaking EcoLine® technology is now producing all the residual chlorine the Centre requires without the costs, risks and hassle associated with previously used conventional chlorine dosing.

EcoLine® is providing the pool water's first line of defence against bacteria, algae and waterborne pathogens and helping to create a water quality that feels, smells and tastes more like freshwater.

NAC has embraced all the convenience and safety benefits of the world's first freshwater chlorine generator.



Malaysia National Aquatic Center



University of the Sunshine Coast QLD AUSTRALIA



EcoLine® FSRC - 850

EcoLine® has disinfected USC’s School of Health and Sport Sciences’ two million litre pool since 2011. The facility features a 10 lane, 50m Olympic-size teaching and learning pool annexed to a High Performance Training Centre. The pool is used by a wide range of patrons including Olympic and Paralympic swimmers, and water quality must be maintained within specified FINA and state guidelines at all times.

Maitland Aquatic Centre NSW AUSTRALIA



EcoLine® FSRCN - 550

Situated inside idyllic Maitland Park, the Maitland Aquatic Centre showcases a new state-of-the-art 25-metre indoor heated pool which is protected by an EcoLine® chlorine generator. Since opening in mid-2017, the pool operator and patrons are delighted with both water quality and EcoLine®’s performance. There is no offensive “chlorine smell” - a big bonus for indoor facilities.

Jindabyne Pool NSW AUSTRALIA



EcoLine® FSRCN - 550

In the past, pool maintenance at Jindabyne Indoor Heated Pool was extremely time consuming and problematic. Since converting from granular chlorine dosing to EcoLine® technology in 2016, the facility has seen a steady increase of returning patrons, with many bathers complimenting the improved air quality, and stating the water now is as good as Lake Jindabyne.

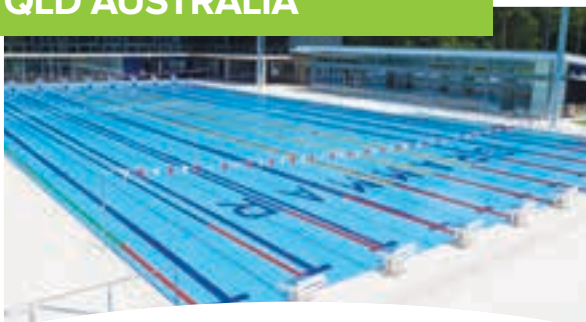
Grand Hyatt Resort Dubai U.A.E



EcoLine® FSRC – 425 x 4

The Grand Hyatt Resort, Dubai features a 2.5 million-litre lagoon and is located in one of the world’s most environmentally challenged and water starved locations. After winning the Gold Gaia Award in Dubai in 2009, four EcoLine® chlorine generators were installed to disinfect over 400,000 litres of water per hour at this prestigious resort.

Sunshine Grammar School QLD AUSTRALIA



EcoLine® FSRCN – 1300

Covering 1 Hectare in size, the state of the art facility of the SC Grammar Aquatic Centre houses the only FINA certified 50m school pool on the Sunshine Coast as well as a 17m indoor heated pool. International multi-award winning EcoLine® technology ensures swim coaches, staff and students enjoy access to outstanding quality water.

Waterbom Bali Kuta INDONESIA



EcoLine® FSRC - 250 & FSRC - 850 x 2

Occupying 3.8 hectares, the popular tourist destination Waterbom Bali features 20 thrilling water slides and an array of pools, fountains and aquatic attractions. AIS’ technology has been in use at Waterbom since 2007 with a combination of EcoLine® and AutoChlor® chlorine generators. Waterbom is an environmentally conscious waterpark and there is no surprise EcoLine® technology was selected to treat 1.5 million litres of water at low TDS of 2000ppm.



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Leonie Donkin

Supervisor
Jindabyne Indoor Heated Pool

“Our previous water disinfection system was an antiquated granular chlorine system.

“Since we’ve had the EcoLine® installed we’ve had so many compliments about the air and water quality including the lack of chlorine smell, and how soft the water feels.

“Patrons no longer suffer from itchy skin or red eyes. We’ve seen a lot of swimmers enjoying returning to the pool.”

Nathan Gordon

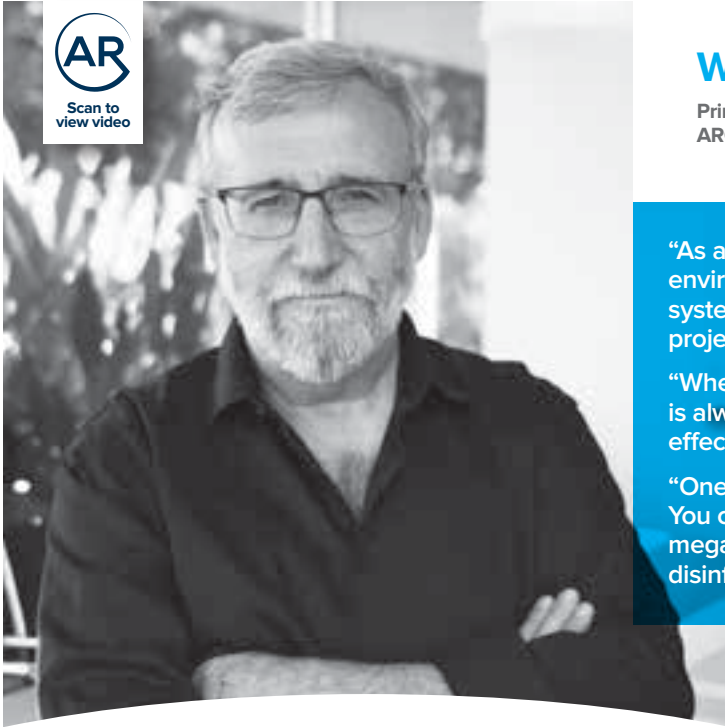
Manager, USC Sport
University of the Sunshine Coast

“As you might expect in a state of the art training facility like ours we focus strongly on efficiency. We like the way our EcoLine® water disinfection unit just gets the job done with minimal dials and buttons to operate and with minimal facility manager involvement.

“The quality of the water is second to none, in fact, we’ve been told we have the best tasting pool water in the world. One of the international swimming coaches inspected our facility in the lead up to the Commonwealth Games. He said that the pool water was the best he’d ever come across.”



Professionals



Will Marcus

Principal and Managing Director
ARGO Group

“As a specialist in the design of aquatic facilities and environments, I’ve specified AIS water disinfection systems in hundreds of commercial and residential projects worldwide.

“When it comes to chlorine generation, my preference is always to use electrolysis. It’s the safest, most cost-effective and efficient system that we know.

“One of the benefits of AIS’ technology is flexibility. You can disinfect any quantity of water from a megalitre to 10,000 litres. When it comes to water disinfection, AIS technology is quite simply superior.”

Councillor Adrian Schrinner

Deputy Mayor
Brisbane City Council

“AIS is a true Brisbane success story. We’re delighted to see locally designed and manufactured technology on the world stage.

“Safety is a non-negotiable when it comes to our communities. With the majority of Council’s pools protected by AIS’ technology we can be confident that swimmers can enjoy clean water and our staff can enjoy a safe working environment.

“AIS’ continuous commitment to innovation has seen it grow from strength to strength. We look forward to what the future will bring.”



Builders



John Baldwin

Project Manager
Baldwin Aquatic

“We are huge fans of AIS’ technology, particularly when it comes to EcoLine® - Ecoline® provides many advantages to end users compared to traditional pool water disinfection systems.

“From a pool plant room design perspective, EcoLine® is very space efficient. You don’t need tanks for liquid chlorine storage and extra driveway space for access with bunded areas for chlorine deliveries.

“Where possible we always try and recommend AIS chlorinators, based on their quality, performance, simple operation and low maintenance costs. While initially EcoLine® may seem a bit more expensive when looking at initial capital costs, the cost and convenience balances out in the long run.”

Luke Barrie

State Manager
Trisley’s Hydraulic Services

“We specialise in all aspects of commercial aquatic projects from the installation and servicing of small centres to total rebuilds of large scale projects.

“For this reason we need flexible, efficient, quality water disinfection systems that are easy to install and operate.

“AIS’ inline chlorine generation means there’s no need for large chlorine tanks or lines and each unit is stress-free to operate.

“We can also call on the AIS Team to discuss any project as required.”



Industry Professionals



Michael Griffin

Managing Director
Pool Ranger

“Like AIS, Pool Ranger is a local, family owned business.

“We pride ourselves on the relationships we form with our suppliers and customers and we’ve enjoyed a great one with AIS for many years.

“I like that I can communicate directly with everyone from the CEO to a member of the technical team.

“It’s an exciting time for the industry as archaic water disinfection methods are finally making way for innovative technology like AIS’. We’re proud to stock AIS’ systems and back them one hundred percent.”

Chad McCamley

Team Leader
Maitland Aquatic Centre

“I’ve worked with a variety of water disinfection methods over the years. My primary concern with conventional chlorine dosing was always the dangers associated with handling and storing chlorine.

“Since installing EcoLine® at our indoor facility, the air and water quality has been fantastic.

“Our patrons always make comments about the clarity and feel of the water, along with the no-chlorine smell. The frequency of maintenance and backwashing has also significantly reduced.”



Industry Professionals



Scan to
view video



Mary Segond von Banchet

Aquatic Facility Operations Manager
Koorda Swimming Pool

“Working in a remote location means safety is vital.

“Prior to adopting EcoLine® technology I’d be waiting for days for chlorine deliveries, and then it would arrive damaged or leaking.

“I’ve sustained chemical burns as a result of handling liquid chlorine, and granular chlorine would put a huge strain on our pool’s filtration and plumbing systems.

“With EcoLine® it means I now have an endless supply of chlorine and no longer have to worry about my, or my customers’ safety.”

Jay Clarke

Director
City Venue Management

“Overseeing the management of around 21 Aquatic Centres is a big job. It’s important that we use equipment that we cannot only trust, but that keeps our staff and patrons safe.

“It’s one of the main reasons we use AIS chlorinators. There’s no need for staff to handle liquid or granular chlorine. We just add salt on a regular basis.

“I’m also a competitive swimmer so really appreciate how our AIS technology keeps the water silky smooth, with no odour and minimal taste.”



Scan to
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AIS technology in operation worldwide



Exported to over 55 countries

ARGENTINA
AUSTRIA
BARBADOS
BELGIUM
BRAZIL
CANADA
CHINA
COLOMBIA
COSTA RICA
CROATIA

CUBA
CYPRUS
CZECH REPUBLIC
DENMARK
DOMINICAN REP.
EGYPT
FIJI
FRANCE
FRENCH POLYNESIA
GERMANY

GREECE
HOLLAND
INDIA
INDONESIA
IRAN
ITALY
KAZAKHSTAN
KENYA
KOREA
MALAYSIA

MAURITIUS
MEXICO
NEW CALEDONIA
NETHERLANDS
NEW ZEALAND
PANAMA
PAPUA NEW GUINEA
PORTUGAL

PHILIPPINES
PUERTO RICO
REP. OF MOLDOVA
RUSSIA
SAUDI ARABIA
SINGAPORE
SPAIN
SWEDEN
SWITZERLAND
THAILAND

TURKEY
UAE
UK
UKRAINE
URUGUAY
USA
VANUATU
VENEZUELA
VIETNAM

Sokol Vinohrady, Swimming Pool, Prague

CZECH REPUBLIC

Moscow State University, Swimming Pool, Moscow

RUSSIA

Jeungsan Swimming Pool, Seoul

KOREA

National Aquatic Centre, Swimming pool, Kuala Lumpur

MALAYSIA

Azure Urban Resort Residences, Lagoon Pool, Paranaque City

PHILIPPINES

Waterbom Bali, Water Park, Bali

INDONESIA

Daruwala Pool House, Swimming Pool, Lonavala

INDIA

About Us

Australian Innovative Systems Pty Ltd (AIS) is an award-winning industry influencer with a 25+ year history of innovation and excellence in the design, production and supply of inline chlorine generation technology via electrolysis.

Our Vision

AIS' vision is for the global aquatic community to have access to safe and perfectly disinfected water while ending the dependence on hazardous chlorine dosing.

Our Mission

AIS' mission is to develop simpler, safer and smarter technologies for water disinfection.

Products & Services

AIS' extensive range of chlorine generators is widely used in home swimming pools, swim schools, aquatic centres, resorts, hotels, FINA standard competition swimming pools and large scale water parks worldwide.

AIS' services include providing water disinfection solutions, consulting, commissioning and servicing.

All commercial chlorine generators come with 3 (three) years warranty on power supply and electrolytic cells.

Memberships:

AUSTRALIAN
Swim
SCHOOLS ASSOCIATION
PARTNER



Awards:



Simpler. Safer. Smarter.
AISWATER.COM.AU

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AISTM
Celebrating
**25 YEARS OF
INNOVATION**