

AutoChlor™

ADVANCED, INLINE SALT WATER
CHLORINE GENERATORS

For Residential Pools and Spas

*Convenient, automatic, inline water
disinfection for salt water pools and
spas - install, set and forget!*



www.aiswater.com.au

AIS™
Australian Innovative Systems

AutoChlor™

The AIS AutoChlor™ Range

- Convenient, automatic, inline salt water chlorination
- Superior water disinfection
- Australian designed and manufactured technology
- Trusted for over 20 years
- Extensive warranty program

Designed and manufactured by Australian Innovative System (AIS), the award-winning AutoChlor™ range of salt water chlorinators is one of Australia's most well-known and trusted brands in water disinfection.

AutoChlor™ combines advanced Australian technology with over 20 years of industry know-how to conveniently and automatically disinfect water inline and via electrolysis – simply install, set and forget!

With AutoChlor's™ Classic Series, Pro or SMC chlorinators to choose from, there's a model to suit any pool or spa - from large, resort-style pools to compact spas and for low-salt (TDS 3,500ppm) to standard salt water (TDS 5,000ppm) applications. AutoChlor™ can even be retro-fitted to existing pools and spas.

Durable and long-lasting, all AutoChlor™ models are backed by an extensive warranty program and offer exceptional water resistance with Ingress Protection (IP) ratings.

AutoChlor™ lets you bid farewell to messy and dangerous liquid or granular chlorine dosing forever!

How AutoChlor™ technology works:

AutoChlor™ produces and distributes chlorine directly into the pool or spa water via a process known as electrolysis. Electrolysis takes place inside AutoChlor's™ advanced electrolytic cells which are installed inline (in the water circulation system). A crucial component of these cells is AIS' Genuine AIS Anodes which dramatically improve the performance and life span of each AIS chlorinator. As water passes through the cells it is super chlorinated which keeps the water safe, clean and clear.



THERE'S AN AUTOCHLOR™ MOD

Choose from:

- ▶ **AUTOCHLOR™ CLASSIC SERIES**
(AC, RP, RP7, LS3500)
- ▶ **AUTOCHLOR™ PRO SERIES**
- ▶ **AUTOCHLOR™ SMC SERIES**



AUTOCHLOR™ CLASSIC SERIES

Easy to install, simple and reliable the AutoChlor™ Classic Series offers a choice of models as well as optional extras including timers and underwater light sockets.

CLASSIC AC

- ▶ Suited to standard salt water pools (TDS 5,000ppm)

The original AutoChlor™ chlorinator.

CLASSIC RP

- ▶ Suited to standard salt water pools (TDS 5,000ppm)

Comes with the added feature of Reverse Polarity (RP) Technology. RP Technology means the electrodes periodically switch between positive and negative charge resulting in less calcium build up and less maintenance.

CLASSIC RP7

- ▶ Suited to standard salt water pools (TDS 5,000ppm)

The Classic RP7 is AutoChlor™'s most compact model and is perfect for small pools and spas.

Comes with the added feature of Reverse Polarity (RP) Technology which means the electrodes periodically switch between positive and negative charge resulting in less calcium build up and less maintenance.

CLASSIC LS 3500

- ▶ Suited to lower-salt water level pools (TDS 3,500ppm)

Especially designed for low salt water conditions. Comes with the added feature of Reverse Polarity (RP) Technology which means the electrodes periodically switch between positive and negative charge resulting in less calcium build up and less maintenance.

AutoChlor's™ Classic Series and Pro models feature ultra-reliable transformers which are resistant to power surges, fluctuations or outages and come complete with a pool pump socket. The AutoChlor™ SMC features a Switch Mode Power Supply (SMPS) and offers the flexibility of converting mains standard Alternating Current (AC) into Direct Current (DC) for extra energy efficiency.



OPTIONAL EXTRAS (CLASSIC SERIES):

Timers: Traditional 24 hour manual push-pin, on-off programmable clock (with battery back up) or automatic, electronic, on-off programmable clock (with super capacitor back up).

Underwater pool light sockets: Fixed 12, 24 or 32 Volt outlets.



Please visit aiswater.com.au for more information about our warranty program.

MODEL TO SUIT ANY POOL OR SPA

AUTOCHLOR™ PRO SERIES

- ▶ Suited to standard salt water pools (TDS 5,000ppm)

The AutoChlor™ Pro combines advanced technology with robust, contemporary design. With a convenient side-opening door, the high tech casing offers the highest water resistance rating ever achieved by AIS residential technology. An external, fan-free heat sink keeps the AutoChlor™ Pro cool allowing the external casing to be completely sealed.

Comes with the added feature of Reverse Polarity (RP) Technology which means the electrodes periodically switch between positive and negative charge resulting in less calcium build up and less maintenance.



AUTOCHLOR™ SMC SERIES

- ▶ Suited to standard salt water pools (TDS 5,000ppm)

The AutoChlor™ SMC features Switch Mode Power Supply (SMPS) for extra energy efficiency.

Comes with the added feature of Reverse Polarity (RP) Technology which means the electrodes periodically switch between positive and negative charge resulting in less calcium build up and less maintenance.

An automatic programmable clock (with super capacitor power back up) is included as standard or optional.

OPTIONAL EXTRA (PRO & SMC SERIES):

Timer: Automatic, electronic, on-off programmable clock (with super capacitor back up).



Put an end to dosing your pool with liquid or granular chlorine. AutoChlor does all the work for you!



		AUTOCHLOR™ CLASSIC SERIES			AUTOCHLOR™ PRO SERIES	AUTOCHLOR™ SM SERIES
		CLASSIC AC	CLASSIC RP	CLASSIC LS	PRO RP	SMC
SALINITY	Recommended TDS	5000 ppm	5000 ppm	3,500 ppm	5000 ppm	5000 ppm
ANODE	Standard Electrodes vs Reverse Polarity Electrodes	STANDARD	REVERSING	REVERSING	REVERSING	REVERSING
POLARITY POWER SUPPLY	Ultra reliable traditional transformers. (Lowers incidences of power surges / outages and resistant to power fluctuations.)	Yes	Yes	Yes	Yes	-
	Advanced, Switch Mode Power Supply. (Better energy efficiency, lighter, and a flexible power input of 180-260 V AC.)	-	-	-	-	Yes
COOLING	Cooling technology	Convectonal (air flows through openings in the unit).			External fan-free heat sink (enables sealed casing for higher IP rating).	Fan forced air flow via openings in the machine
CHLORINE OUTPUT	5 grms/hour	Classic AC Mini	Classic RP Mini	-	-	-
	7 grms/hour	-	Classic RP 7	-	-	-
	15 grms/hour	Classic AC 15	Classic RP 15	-	Pro RP 15	-
	20 grms/hour	Classic AC 20	Classic RP 20	Classic LS 20	Pro RP 20	SMC 20 & SMC 20T
	25 grms/hour	Classic AC 25	Classic RP 25	Classic LS 25	Pro RP 25	-
	30 grms/hour	-	-	-	-	SMC30 & SMC 30T
	35 grms/hour	Classic AC 35	-	Classic LS 35	-	-
	36 grms/hour	-	Classic RP 36	-	-	-
	50 grms/hour	Classic AC 50 & Classic AC 50HD	Classic RP 50	-	-	-
	64 grms/hour	-	Classic RP 64	-	-	-
	92 grms/hour	Classic AC 100 & Classic AC 100HD	Classic RP 92	-	-	-
CHLORINATOR ON-OFF TIMER	Traditional 24 hour manual push-pin programmable auto on-off time clock	Optional	Optional	Optional	-	-
	Quartz electronic programmable auto on-off time clock with Battery-Power Back Up	Optional	Optional	Optional	-	-
	Electronic programmable auto on-off time clock with Super Capacitor Power Back-Up	-	-	-	Optional	Optional
POOL LIGHTS	Pool light power supply outlet	Select from fixed 12v, 24v or 32v outlet.	-	-	-	-
WARRANTY	3 years on power supply and electrolytic cell	Yes	Yes	Yes	Yes	Yes
IP RATING	IP Rating	23	23	23	24	23

About Australian Innovative Systems (AIS)

AIS is an award* winning, Australian owned leader in the design, production and supply of water hygiene technologies.

AIS' mission is to create safe, economical and versatile products that protect humans and habitats against waterborne pathogens and the transmission of infectious disease.

AIS' brands - AutoChlor™ EcoLine™, MineralChlor™ and ChloroGen™ - incorporate electrochemical cells made with Genuine AIS Anodes. These innovative technologies disinfect everything from sea water to groundwater, town water and waste water, *without the cost and hassle of traditional chlorine** dosing.*

Simple and reliable, the use of electrolysis to disinfect water

also reduces the transportation of hazardous chemicals on public roads and may even enhance Occupational Health and Safety programmes.

A leader in the residential Pool and Spa sector, AIS commercial systems also keep millions of litres of water healthy and sparkling clean in hotel spas, resort lagoons, community pools and competitive swimming venues, and is well suited a wide range of industrial applications too.

With decades of experience, skilled AIS technicians bring together diverse expertise in micro-electronics, chemistry, power systems, electrical and mechanical engineering, water system design, assembly, metalworking and plumbing.

R&D and manufacturing takes place at AIS' own production facilities in Brisbane, Australia. From here AIS has proudly exported to over 55 countries all around the world.

Your local dealer:

Your local distributor:

* AIS has received a wide range of accolades including a Gold Gaia Award, Telstra Business Innovation Award, International Stevie Award for Most Innovative Company, Australian Technology Showcase and Business Ideas Grants.

** Typically Sodium Hypochlorite or Calcium Hypochlorite.

AIS Services include:

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

AIS Products include:

- ChloroGen™
- EcoLine™
- AutoChlor™
- MineralChlor™
- Genuine AIS Anode™
- pH Controllers

© Australian Innovative Systems Pty Ltd 2013. Australian Innovative Systems Pty Ltd reserves the right to discontinue or change any of the products, styles, colours, specifications, materials, services or other details referred to in this brochure at any time without notice. Images and graphics are indicative and are for illustration purposes.



Australian Innovative Systems™

51 Millennium Place, Tingalpa,
Queensland 4173 Australia

Telephone: +61 7 3396 5222

Facsimile: +61 7 3393 3441

www.aiswater.com.au

AIS™

Australian Innovative Systems