



ESTD
1980

Product Catalogue *International*

2019-20 Season



**POOL
CONTROLS**

| *Balance Experience Innovation*



Bringing you
innovative Australian-made
water management systems
since 1980



Welcome
to the new Pool Controls
Product Catalogue for the
2019-20 season.

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A Fresh *Mineral* Experience

The XLS Mineral system by Pool Controls delivers exceptional water quality and clarity – using a fraction of the mineral salts required by conventional systems.

The XLS Mineral System operates at extra-low concentrations of minerals – reducing the cost of setting up and maintaining a mineral pool. The water tastes like fresh water, with the mineral content enhancing water softness, clarity and quality for an exceptional bathing experience.

An algorithmic pH dosing system controls the pH of the water at optimum levels, automatically enhancing the effectiveness of the sanitiser.

+ *Stimulates and softens the skin*

+ *Gives water a silken touch*

+ *Natural clarifying agent*

+ *Helps to maintain perfectly balanced water*

The XLS Minerals System comes in a range of sizes to suit different pool volumes.

Set out below is a guide to which size to choose and approximately how many bags of XLS Minerals are recommended. Note that the XLS Minerals System requires less than a third of the minerals required by conventional systems



Pool Volume Range	XLS Minerals System Size	Bags of XLS Minerals recommended	Equivalent required for conventional systems
Up to 20,000 L	XLS 12	1-3	3-10
20,000 – 30,000 L	XLS 18	3-5	10-15
30,000 – 50,000 L	XLS 23	5-8	15-25
50,000 – 80,000 L	XLS 28	8-14	25-42

XLS Minerals 10kg Bag **PRODUCT CODE - 12161535**

Pool Controls' XLS Minerals are magnesium rich and have been uniquely formulated to operate efficiently at extra-low concentrations. In addition to magnesium, XLS Minerals contain potassium, sodium, boracic acid and a small percentage of other trace elements that promote water quality.





Chemigem

Chemigem

Proven reliability, innovative evolution

The Chemigem Range of chemical dosing systems is where it all started for Pool Controls.

Since 1980, this innovative product has continued to evolve and today's range provides total control over sanitiser levels and pH in either domestic or commercial applications. The Chemigem uses a multi-electrode (probe) to analyse water quality whenever the system is running and adds precise doses of chlorine and acid to maintain optimum water quality.

Take the guesswork out of managing your pool water chemistry and keeping it clean and safe to swim in. With a Chemigem, the "hit and miss" methods of dosing by hand are a thing of the past. Pool chemistry is regulated automatically - providing optimum levels of water sanitation while using less chlorine and acid. This means you get a better result and save money!

Pool Controls offers a range of Chemigems to suit varied applications and each can be programmed to control other pool accessories such as pool lighting and in-floor cleaning systems.



Chemigem | D10

Domestic Controllers

The Chemigem D10 is suitable for domestic pools of all shapes and sizes and gives you total control over sanitizer levels and pH. The Chemigem uses a multi-electrode (probe) to analyse water quality whenever the system is running and adds precise doses of chlorine and acid to maintain optimum water quality.

Dosing can be via the highly-efficient solenoid valves or peristaltic pumps. The Chemigem can also be used to control a salt chlorinator for those who prefer salt or mineral pools.

Chemigem D10 Dual Valve

PRODUCT CODE - 00112001

Chlorine and pH controller suitable for most pools, with built-in pool circulation pump timer.
Supplied with double solenoid valves.

Chemigem D10 P Dual Pump

PRODUCT CODE - 00112005

Chlorine and pH controller suitable for most pools, with built-in pool circulation pump timer.
Supplied with peristaltic pumps.

Chemigem D10 VP Single Valve

PRODUCT CODE - 00112002

Chlorine and pH controller to operate salt chlorinator for chlorine, with pH controlled via a single solenoid valve.

Chemigem D10 CP Single Pump

PRODUCT CODE - 00112008

Chlorine and pH controller to operate salt chlorinator for chlorine, with pH controlled via a single peristaltic pump.

Commercial Controllers

***Cost effective
water management
solutions for
commercial aquatic
facilities***

The Chemigem CM55 is a fully-automated water management system suitable for commercial applications of all sizes. Health regulations in many Australian States require water chemistry to be automated and the Chemigem CM55 provides a reliable, cost-effective solution for public aquatic facilities.

Chemicals are precisely dosed via either highly-efficient solenoid valves or commercial-sized D1500 peristaltic dosing pumps. You can purchase a Chemigem CM55 Complete, which includes a pair of D1500 dosing pumps and a commercial injection point, or the components of the Chemigem CM55 can be purchased separately.

Pool Controls is proud to offer a twelve month warranty on CM55 units and spare parts used in commercial and semi-commercial applications. Please contact Pool Controls for full commercial warranty terms.

Chemigem CM55



Chemigem CM 55 Complete

CM55 Commercial chlorine and pH controller supplied complete with pair of D1500 peristaltic pumps and commercial injection point.

PRODUCT CODE - 00413008

Dual Pump Commercial Tubing Maintenance Kit

Regular maintenance is vital for commercial installations and for systems utilising peristaltic pumps, the squeeze tubes are wearing parts and need replacement every 12 months. A commercial tubing maintenance kit includes replacement squeeze tubes, silicon lubricant, 6m of commercial grade feed tubing and a pre-assembled gas loop with connectors.

PRODUCT CODE - 09061086

Chemigem CM 55 V

PRODUCT CODE - 00413001

CM55 Commercial chlorine and pH controller with single pair of solenoid valves and commercial injection point.

Chemigem CM 55 VV

PRODUCT CODE - 00413003

CM55 Commercial chlorine and pH controller with two pairs of solenoid valves and commercial injection point for rapid addition of chlorine and acid.

Chemigem CM 55 - Controller Only

PRODUCT CODE - 00413002

CM55 Commercial chlorine and pH controller (pumps sold separately).



Salt Water Chlorinators

Packed with all the features of our SG series chlorinators, the SWC range utilises a new electrolytic cell design and comes in a variety of new output sizes – 15g/hr, 25g/hr, 35g/hr, 45g/hr and 60g/hr. All sizes are available with pH Control System.



Salt Water



3 Year Warranty



Fresh Water



Optional pH Control



Mineral Water



Made in Australia

The new SWC range builds on the Pool Controls SG range of salt water chlorinators and come in a range of additional sizes to suit all applications. Larger pools and those with warmer water and greater bather load are likely to have increased chlorine demand – and this is where a larger sized salt water chlorinator can help.

The new SWC 15, SWC 25 and SWC 35 are fully-automated systems that produce 15g/hr, 25g/hr and 35g/hr of chlorine respectively. Proudly Australian-designed and manufactured, the SWC range comes with optional additional timed power outlets for pool lighting or accessories.

The new SWC 45 and SWC 60 are the heavyweights of the range and are manufactured in a metal enclosure that will withstand the toughest conditions. The SWC 45 produces 45g/hr of chlorine and the SWC 60 produces 60g/hr – and are able to meet increased chlorine demand with ease.



SWC Range	PRODUCT CODE
SWC 15 Salt Chlorinator	00122063
SWC 15T Salt Chlorinator	00122064
SWC 25 Salt Chlorinator	00122025
SWC 25T Salt Chlorinator	00122061
SWC 35 Salt Chlorinator	00122035
SWC 35T Salt Chlorinator	00122062
SWC 45 Salt Chlorinator	00122045
SWC 45pH Salt Chlorinator	00122046
SWC 60 Salt Chlorinator	00122060
SWC 60pH Salt Chlorinator	00122066
SWC pH Control	00122022



The SWC range of salt water chlorinators utilises the new Pool Controls electrolytic cell design.

This robust cell comes in a range of new sizes – 15g/hr, 25g/hr, 35g/hr, 45g/hr and 60g/hr. It is reverse-polarity (self-cleaning) and is simple to install.



Pool Controls tried-and-tested pH dosing system is available as an option on all SWC models.



Keeping the pH of your pool water within the correct range is essential to ensure the sanitiser works efficiently. The pH system is available as a separate “plug-and-play” option for the SWC 15, SWC 25 and SWC 35, with pH regulated via a separate peristaltic dosing pump (pictured). The pH dosing system is incorporated into the larger SWC 45pH and SWC 60pH control units. **See page 15 for more details.**

A Freshwater Experience

XLS | **900PPM**

Enjoy a freshwater experience while safely sanitising your pool or spa with the XLS 900.

The latest innovative product from Pool Controls operates on extra-low salt concentrations (900 ppm). At this concentration, the salt is on the threshold of being perceptible by taste – so it's like swimming in freshwater!



 Self Cleaning

 Optional Timed Power Outlets

 3 Year Warranty

 Made in Australia

 Fully Automated

 Optional pH Control

A great freshwater experience is also kind on the environment.

Less salt in the water will protect your pool and equipment from corrosion. You can further enhance your freshwater experience and optimise the effectiveness of your sanitiser with a Pool Controls XLS pH Control System.

See page 15 for details

To put things in perspective, seawater has a salt concentration of around 30,000ppm. Conventional saltwater chlorinators operate at concentrations of between 3000 and 6000ppm. The XLS 900 works effectively at concentrations of around 900 ppm – and it's worth remembering that tap water often has salt concentrations of around 200ppm.

The XLS Mineral system

by Pool Controls delivers exceptional water quality and clarity – using a fraction of the mineral salts required by conventional systems.

See page 4 & 5 for more details



XLST | **900PPM**

The XLST 900PPM 18 and 28 have all the features of the XLS 900 PPM, but also come with 3 timed power outlets to allowing you to power the pool pump, auxiliary equipment such as UV or ozone sterilisers plus a third outlet for pool lighting.

XLS 900 Salt Chlorinator	PRODUCT CODE
XLS 12 900 PPM Low Salt Chlorinator	00122073
XLS 12T 900 PPM Low Salt Chlorinator	00122074
XLS 18 900 PPM Low Salt Chlorinator	00122017
XLS 18T 900 PPM Salt Chlorinator	00122020
XLS 23 900 PPM Low Salt Chlorinator	00122023
XLS 23T 900 PPM Low Salt Chlorinator	00122024
XLS 28 900 PPM Low Salt Chlorinator	00122027
XLS 28T 900 PPM Salt Chlorinator	00122028
XLS pH Control	00122022



Pool Controls **XLS pH Control System**

When you upgrade your system with a Pool Controls pH Control System, the pH of the pool water is automatically controlled via a single peristaltic pump. This helps maintain perfect water chemistry and optimises the effectiveness of the sanitiser.

See page 15 for more details.



SG Series Salt & Mineral Water Chlorinators

Pool Controls provides a versatile range of automated systems for those that prefer a salt or mineral pool. All Pool Controls salt or mineral systems feature reverse polarity (self-cleaning) electrolytic cells as standard.

SG Series

Now available with 10g/hr output in addition to the 20g/hr and 30g/hr output available previously - plus optional additional timed power outlets to control lighting and cleaning accessories.



SG Series SG Salt Water Chlorinators	PRODUCT CODE
SG 10 Salt Chlorinator	00122065
SG 10T Salt Chlorinator	00122067
SG 20 Salt Chlorinator	00122001
SG 20T Salt Chlorinator	00122002
SG 30 Salt Chlorinator	00122004
SG 30T Salt Chlorinator	00122005
SG pH Control	00122021

SteriSel

Sterisel Saltwater Chlorinators

Developed for the European market, the Sterisel is a saltwater chlorinator designed to operate with a timed controller (such as the Chemigem D10 VP or CP).



Sterisel Saltwater Chlorinators	PRODUCT CODE
Sterisel 20	00122013
Sterisel 30	00122014

pH Control

Maintain Optimum Balance

The Pool Controls pH Control Systems use a sophisticated inbuilt algorithm developed by Pool Controls to calculate how much acid is required to adjust the pH of the swimming pool water.



Pool Controls SG Series pH Control System
Product Code - 00122021

Provides pH control in Salt or Mineral Pools via peristaltic pump.

Pool Controls SWC & XLS pH Control System
Product Code - 00122022

Provides pH control via peristaltic pump (for use with the SWC Series and XLS 900PPM Saltwater Chlorinator)

When you upgrade your system with a Pool Controls pH Control System, the pH of the water is automatically controlled by doses of diluted acid (2:1) via a single peristaltic pump.

This helps maintain perfect water chemistry and optimises the effectiveness of the chlorine sanitiser.

Over time, the addition of chlorine has the effect of raising the pH of swimming pool water and if it is not brought back into the desirable range, the chlorine will become steadily less effective. If the pH rises too much, the pool water will become alkaline and possibly cloudy. Upgrading your SG Series SWC Series or XLS 900PPM chlorinator will keep your pool water looking and feeling great!

The pH Control System is simple to install and because it does not rely on a probe, no calibration is required. It can be installed on an existing unit and is "plug-and-play". Once connected, the system recognises the pH Control System and activates the pH algorithm.



Gemini

Controlled Salt Chlorination Systems

The Gemini Control unit analyses water quality via a multi-electrode probe and activates the Gemini Salt or Mineral chlorinator as needed. The pH of the water is also monitored and adjusted with precise doses of acid via a peristaltic pump.

Controlled salt systems potentially provide pool owners with the best of both worlds – the precision of an ORP-controlled system and the convenience of salt chlorination. However, these sophisticated systems require other aspects of water chemistry to be well-maintained if they are to operate effectively. If you are considering this type of system for your pool, ensure that you have a good grasp of swimming pool water chemistry so that you get the most out of your investment.



Gemini Twin System

PRODUCT CODE

Gemini 20 P

00112028

Gemini 30 P

00112012

Gemini 30 Mineral

00112014

Accessories and Spare Parts

Upgrade your Pool Controls products with these purpose-built accessories.

Power Separators

The Pool Controls Power Separator enables a range of devices to be controlled automatically by the Chemigem D10 or the Gemini Control Unit, for example, in-floor cleaning systems.

Pool Controls produces a range of different Power Separators suitable for use with the full range of controllers and a wide variety of pool accessories. Pool Controls is happy to advise on the best option to suit your particular application.

Pool Controls Power Separator 12V

Product Code - 00112020

Pool Controls Power Separator 24V

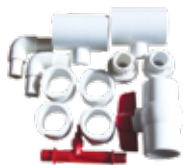
Product Code - 00112021

For use with a SG Series Saltwater Chlorinator.

Pool Controls Power Separator 240v

Product Code - 00112022

Standalone power separator which can be used with a range of controllers.



Venturi Injectors

Venturi Injection Kit 40-50mm

Product Code - 14050001

Venturi Manifold

Product Code - 14050002

Venturi Injector Bayonet

Product Code - 14161301

Venturi Injector Threaded

Product Code - 14161306

Importance of Regular Maintenance and Correct Installation

Regular maintenance will ensure you maximise your investment in your swimming pool and your Pool Controls Equipment.

Certain items are “wearing parts” and require regular checking and replacement – particularly the squeeze tubes used in peristaltic pumps, which should be replaced every 12 months. Other tubing should be checked at least annually and replaced if necessary.

All Pool Controls products should be installed by a suitably qualified technician to ensure correct operation and warranty cover.

Tubing Maintenance Kits

Pool Controls have introduced a range of Tubing Maintenance Kits, which include all the spare parts you will need to properly maintain your squeeze tubes and feed tubing.

Choose from the Single Pump, Dual Pump and Commercial Tubing Maintenance Kits depending on your installation. Each Kit contains replacement squeeze tube (or tubes), sachet of silicone grease, 6m roll of feed tubing and for dual pump kits, a pre-assembled gas loop with connectors.



Single Pump Tubing Maintenance Kit

Product Code - 09061085



Dual Pump Tubing Maintenance Kit

Product Code - 09061084



Dual Pump Commercial Tubing Maintenance Kit

Product Code - 09061086

Tubing Spares	PRODUCT CODE	Tubing Spares	PRODUCT CODE
Tubing (Domestic) 6m Roll	24461008	Connector (Commercial) PVDF	24561133
Tubing (Domestic) 150m Roll	24461011	Gas Loop (Commercial) 9.5mm	24461013
Connector (Domestic) PVDF	24561132	T Piece PVDF	24561128
Gas Loop (Domestic) 6mm	24461012	Y Piece PVDF	24561129
Tubing (Commercial) 15m Roll	24461014	No Return Valve PVDF	24561111
Tubing (Commercial) 150m Roll	24161006		

Dosing Pump Spare Parts



D1500 Peristaltic Pump
 Flow rate of 1500mL per minute.
 Product Code - 09061067



D10 Dual Pump 60RPM
 Product Code - 09061064

Dosing Pump Spares	PRODUCT CODE
D10 Pump, Motor & Gearbox - 60 RPM	09061062
SG Series Pump, Motor & Gearbox - 15 RPM	09061070
D1500 Pump Motor & Gearbox	09061066
D10 & SG Rotor	09061020
D10 & SG Tube Assembly	09061016
D1500 Tube Assembly	09061069
D1500 Rotor Assembly	09061072



**2 Year warranty
on probes,
valves & cells**

About Spare Parts

All genuine Pool Controls spare parts used in domestic applications are now covered by a full 2 year Manufacturer's Warranty from the date of purchase. This warranty cover includes replacement power supplies, multi-electrodes (probes), solenoid valves and electrolytic cells (see page 25 for full warranty terms).

Pool Controls takes pride in the reliability and track record of all its products and in addition to the Manufacturer's Warranty, provides great after-care via our National Service Team and a network of Authorised Technicians.

Electrodes Spares



Multi-Electrode Assembly
for Tapping Band with 3m cable

Product Code - 07451001



Multi-Electrode Assembly
in bayonet fitting with 3m cable

Product Code - 07451003



**Double Valve
Replacement Kit**

Product Code - 06461002

Kit comprises double valve, 6m tubing, gas loop and drum filters

Multi-Electrode Assembly
Salt / Mineral for Tapping Band with 3m cable

Product Code - 07451007

Multi-Electrode Assembly
Salt / Mineral in bayonet fitting with 3m cable

Product Code - 07451008

Solenoid Valves Spares



Valve Bracket

Product Code - 06101001



Single Valve

Product Code - 06441001



Double Valve

Product Code - 06461001

Solenoid Valves Spares	PRODUCT CODE
Diaphragm & Armature Assembly	06461101
Spring (Valve)	10161072

Electrolytic Cell Spares

The new Pool Controls electrolytic cell design is supplied with all models in the SWC Series and XLS 900PPM Range. This robust new design features an inner housing containing high-grade reverse polarity (self-cleaning) titanium plates and is now connected at the cell head. Cell outputs available range between 15g/hr and 60g/hr – so there is a size to suit almost every application.



Cell Housing

Product Code - 27500002



Cell Housing Nut

Product Code - 27500008



Cell O-Ring

Product Code - 13161081

SWC Replacement Cells	PRODUCT CODE
Replacement Cell Only - SWC 15	00551343
Replacement Cell Only - SWC 25	00551344
Replacement Cell Only - SWC 35	00551345
Replacement Cell Only - SWC 45	00551346
Replacement Cell Only - SWC 60	00551347

SG Cell Spares



SG Cell Housing

Product Code - 27500001



SG Cell Housing Nut

Product Code - 27500006



SG Cell O-Ring

Product Code - 13161080

SG Series Replacement Cells	PRODUCT CODE
Replacement Cell Only SG10	00551342
Replacement Cell Only SG20	00551334
Replacement Cell Only SG30	00551335

Replacement Power Supplies

A full range of replacement power supply units are available for all Pool Controls chlorinators.

All Power Supply units have been designed to operate in full sun and our tough Australian weather and Pool Controls anticipates that you will enjoy many years of trouble-free pool water management from your investment. However, like all equipment your machine will look better and last longer if it is well-maintained and operated in accordance with the instruction manual provided. **Instruction manuals are also available to download from www.poolcontrols.com.au**



SWC Replacement
POWER SUPPLY ONLY

Product Code - 00551104



SG Series Replacement
POWER SUPPLY ONLY

Product Code - 00551101



XLS Replacement
POWER SUPPLY ONLY

Product Code - 00551103

Injection Points

Genuine Spare Parts Injection Manifolds, Tapping Bands & Injectors Spares



TBR Manifold

Product Code - 14161029



Tapping Band

Product Code - 14411001



Injection Bayonet

Product Code - 14161032

Additional Spares

<i>Gemini Control Units & Chemigem D10 Spares</i>	<i>PRODUCT CODE</i>
D10 Lower Board	08052107
D10 Main Board	08052108
D10 Sensor Board	08052110
D10 Transformer	03052004
Gemini Control Label	18052009
D10 Front Label	18052006

<i>Gemini Salt, SWC, SG Series & Sterisel Spares</i>	<i>PRODUCT CODE</i>
Gemini Salt Label	18052010
SG Front Label	18052007
SWC Front Label	18052078
XLS 900 Front Label	18052063
SG/SWC Transformer	27501032
SG Pump Light Drive Board	27501021
Gemini Salt / Sterisel Main Board	27501028
SWC-3 SG Series Main Board	27501022
RECRP-3 Rectifier Board	27501023
SG Control / Rectifier Cable	27501103
SG Pump Drive Cable	27501104

<i>Filter Spares</i>	<i>PRODUCT CODE</i>
Sinker	15161201
Drum Filter	24561100

<i>Miscellaneous Spares</i>	<i>PRODUCT CODE</i>
GPO Black	02052401
Reducing Bush, 50-40mm, PVC	26102150
Injection Elbow	14161033
Light Transformer 100VA	03161062



Balance Experience Innovation

These words incapsulate what Pool Controls is all about. We specialise in swimming pool sanitation and our extensive range of Australian-made products are designed to help you achieve beautifully balanced water. As Pool Controls enters its 40th year, we have many years of cumulative experience to provide balanced advice on all areas of swimming pool water management and we are well-placed to help you choose the best system for your pool.

Pool Controls is constantly innovating and a prime example of this innovation is our XLS Minerals System, which is capable of efficiently providing a safe chlorine residual from extra-low concentrations of mineral salts. The Pool Controls XLS Minerals System is compact, energy efficient and every aspect of its design enhances water quality and your bathing experience.

New products are always in the pipeline! Currently we are looking at ways to integrate our products with other secondary sanitation methods such as UV sterilisers, ionisers and ozone-based systems.



You can contact
Pool Controls on
+61 (8) 9240 4400



Make a
"Quick Enquiry" via
poolcontrols.com.au



Or, find helpful videos on a variety
of aspects of Pool Controls products
on **YouTube**





Pool Controls is proud to be an Australian manufacturer supplying both the Australian market and exporting innovative Australian technology to the world.

Thank you for choosing Pool Controls products for your swimming pool and the Pool Controls team will endeavour to deliver consistently better products to optimise your swimming experience.

Thank you

The Pool Controls Team

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