

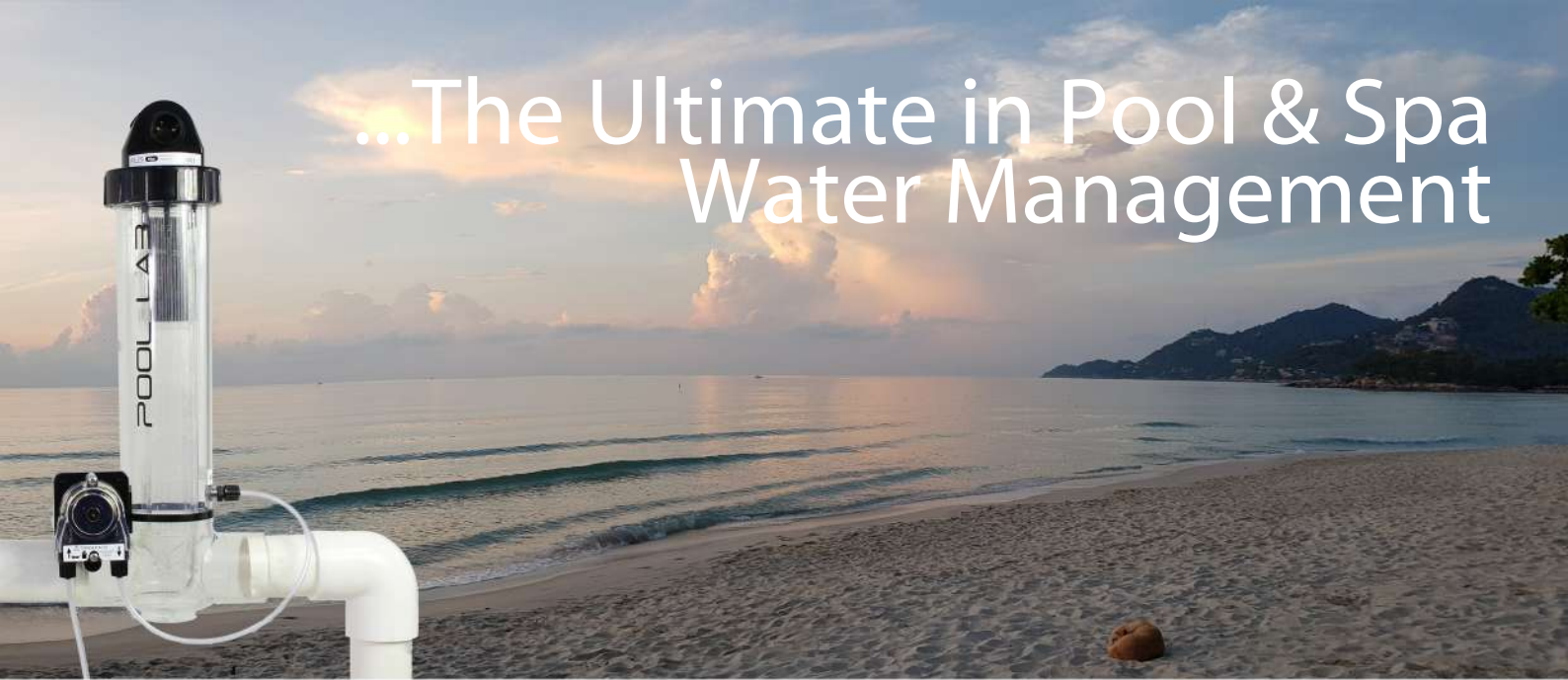


The perfect choice for new or existing pools.

Simple yet sophisticated, the PL Plus Series can be expanded from salt chlorination up to complete pool and spa water management.



# ...The Ultimate in Pool & Spa Water Management



Note: Peristaltic Pump shown above is not included with the PL Plus chlorinator

## • Control Panel

Simple to set times and operate with no complicated menus to navigate through.

## • Automatic Self-Cleaning Cells

The microprocessor automatically reverses the polarity of the electrolytic plates to maximise the self-cleaning process.

## • Patented Clear Vertical Cell

The clear high strength vertical cell incorporates flow detection and by its design, provides 100% hydrogen gas evolution protection.

## • Automatic Low & High Salt Warning

If salt levels fall outside the optimum range, the diagnostic display scrolls an alert.

## • Automatic Pump Protection

If the pump is starved of water, the chlorinator switches the pump off to prevent damage occurring. Timing can be adjusted for different conditions and pump types.

## • Smart diagnostic display

With a touch of a couple of buttons view the volts and amps data on both cell polarities, and enter history to see cell running hours or chlorine output per day and week.

## • Pool / Spa Combinations

Connects with the optional spa flow switch to prevent over-chlorination when switching to spa mode.

## Optional Water Management System

Turn your PL Plus salt chlorinator into a fully automatic chlorine & pH water management system by connecting the Pool Lab ASP - Auto Sampling Photometer.

The ASP tests the chlorine & pH levels and includes a peristaltic pump to feed acid.

The PL Plus chlorinator receives the data and automatically maintains chlorine & pH levels.

MODEL	SALT LEVEL (PARTS PER MILLION)	CHLORINE GAS OUTPUT (GMS PER HOUR)	MAX. POOL SIZE INDOOR	MAX. POOL SIZE OUTDOOR
PL25+	3000	25	150,000	60,000
PL35+	3000	35	210,000	126,000
PL45+	3000	45	265,000	162,000

\*Due to ongoing research and development, Poolpower reserves the right to alter specifications without notice.

To explore the full Pool Lab Water Management range, go to

[www.poolpower.com.au](http://www.poolpower.com.au) or call +613 9439 1320







The most accurate chlorine and pH water management system has arrived.

Connect the ASP with a PL Plus model for the ultimate in water quality.



# Perfect Chlorine & pH All Day, Every Day...



**Photometrics** – the measurement of light absorbance - has long been recognised as the gold standard globally for accurately analysing pool water chemistry. Pool Lab's Auto Sampling Photometer (ASP) brings this to the domestic swimming pool with automated in situ testing and balancing of the core parameters of pool water balance – chlorine and pH.

**Chlorine and pH** are central to a sanitised pool. Correctly maintaining them ensures a safe swimming environment, but can also be a lot of guesswork. The dynamic nature of chlorine and pH in a pool means they are constantly changing in response to environmental conditions, so what's right one day is not necessarily right the next.

**Handling pool chemicals** is also a safety hazard. Chlorine and acid are both highly corrosive and it is essential that they are dispensed and stored in a safe manner.

**The Pool Lab ASP** ends the guessing game. Set your chlorine and pH targets in the control module then let the ASP take control. Performing multiple tests a day, the ASP carefully monitors changing water chemistry and adapts the dosing schedule as required – ensuring your pool is always safe for swimming.

**Chlorine production** is managed through the salt chlorinator. By adding salt to the pool, the salt chlorinator is able to continuously generate chlorine directly in the water – right where it needs to be. The ASP will switch chlorine production on and off as required, working to the set target.

**pH Control** Pool Lab's unique cell mounted peristaltic pump automatically feeds acid at precise intervals and rates to maintain pH levels. The system will alert you when the acid reservoir is empty and requires replacement.

**Photometric water analysis** Light is passed through a sample of water that has been mixed with colour forming reagents. Light of a specific wavelength is passed through the sample and absorbance is measured. Pool Lab's proprietary reagents are packaged in easy to replace, IV-style bags. The bags contain formula for approx. 500 tests so will last six to eight months on the standard domestic swimming pool.

**At the core of the ASP** is an incredibly clever algorithm which not only calculates dosing requirements but also continually evaluates the effect of recent dosing, adjusting and adapting in real time to environmental conditions. Manual adjustments for changes in environmental or bather load conditions are no longer required.

**Combine the PL ASP with any PL Plus, PL Max or Mineral Lab for the ultimate in pool water management.**

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