

## **ADDITIONAL FEATURES**

Connecting the Pool Lab ASP to your PL Series Salt Chlorinator unlocks the following additional features:

### ***ASP TOOLS – UTILITIES***

To access the ASP TOOLS menu:

1. Go to the MAIN MENU (press and hold VIEW for 3 seconds)
2. Navigate to ASP TOOLS, and press VIEW
3. Navigate the the menu items listed below, press VIEW to select

### **Reagents**

The reagents menu has two options:

- Reagent Status, this option will show the status, OK or EMPTY for each reagent.
- Prime Reagents, this option will allow you to force a prime cycle. All three reagents will attempt to prime after selecting this option.

### **Run Tests**

The RUN TESTS view allows you to manually trigger a test cycle without the system delivering any chlorine or acid after the test. When a test is triggered manually, the test timer will also be reset. The results of this test will be shown in view “HOME” after the test has completed/

### **Run Tests & Deliveries**

The RUN TESTS & DELIVERIES view allows you to manually trigger water tests and the system will dose with chlorine and acid as required. When a test is triggered manually, the test timer will also be reset. Chlorine and acid deliveries may or may not occur after this test depending on the test results and the chlorine and pH target settings.

### **Acid Prime**

The ACID PRIME view allows you to manually run the acid delivery pump. This is useful for testing, or when the acid line is not primed. The ACID PRIME view also has a secondary function when the ACID FEED is PAUSED it can be used to cancel the PAUSED state, and resume acid feeding.

### ***HISTORY***

With the default water testing frequency of 3 tests per day, the history will show the results of one weeks worth of water tests. To access the history view:

1. Go to the MAIN MENU (press and hold VIEW for 3 seconds)
2. Navigate to HISTORY and press VIEW.
3. Use the UP and DOWN buttons to scroll through the test history. The most recent test results will be at the top of the list.

## **CHLORINE DEMAND MONITOR**

(Included with Pool Lab software revisions CLR-P24-274 and above)

The demand for chlorine in any pool will vary depending on the seasons and weather, as well as bather load and additional load from leaves and debris etc. entering the water.

Even with an advanced water quality management system in place you may still need to adjust your filtration run time occasionally to find a suitable balance between water quality and energy efficiency.

The Chlorine Demand Monitor feature allows Pool Lab to monitor for increases in chlorine demand and will automatically extend your filtration time as required to cover this demand.

This allows the user to set a more conservative filtration run time for energy efficiency, and the system will then automatically extend the run time if chlorine demand has not been met.

The chlorine demand monitor is disabled by default. To enable this feature press and hold the VIEW button to access the menu system. Navigate to SETTINGS – DEMAND MNTR, and press VIEW.

Use the UP or DOWN button to change between OFF and ON and press VIEW to save the changes, or BACK to cancel.

A small dot will blink in the lower left hand corner of the HOME VIEW when the DEMAND MONITOR is enabled.

***IMPORTANT NOTES:*** *The DEMAND MONITOR feature will increase reagent consumption on days where the chlorine demand has not been met by the end of the filtration period. The amount of extra reagent consumed depends on the amount of time it takes the system to meet the chlorine demand.*

*Therefore, you need to avoid setting the filtration time period too conservatively as this will increase reagent use unnecessarily. As a general rule, if the filtration time is being extended on overcast days with no bather load – then you need increase your filtration timer period.*

## **DEFAULT CHLORINE FEED**

If the ASP is unable to perform Free Chlorine tests for any reason the system will fallback to “DEFAULT CL FEED” mode, and the chlorinator will deliver chlorine equivalent to approx. half of the average over the previous week.

This fallback feature is primarily designed to prevent the pool from going green too quickly if the reagents bags are empty, and allows the user some time to replace the reagents with minimal affect on water quality.

***NOTE:*** *This mode requires that at least 7 days worth of successful chlorine test results are in the system memory, and that there are at least 9 chlorine test results available over those 7 days.*