PoolLink® 1000 Series

Chemical Treatment Controller
Advanced, precise and economical

Specifically designed for commercial pools and spas, PoolLink® 1000 Series automates control of pH and ORP/ppm levels. A specialized microprocessor is at the heart of every model in the PoolLink® 1000 Series. Utilizing this technology allows the controller to perform complex and exceptionally accurate control functions with the benefit of easy setup and operation.

True Proportional Dosing

PoolLink® performs continuous monitoring and correction that is based on the water's actual demand. Incremental testing and treatment based on demand is called proportional dosing and is not found in most controllers. Proportional dosing results in far more precise and economical treatment.

Ease of Use

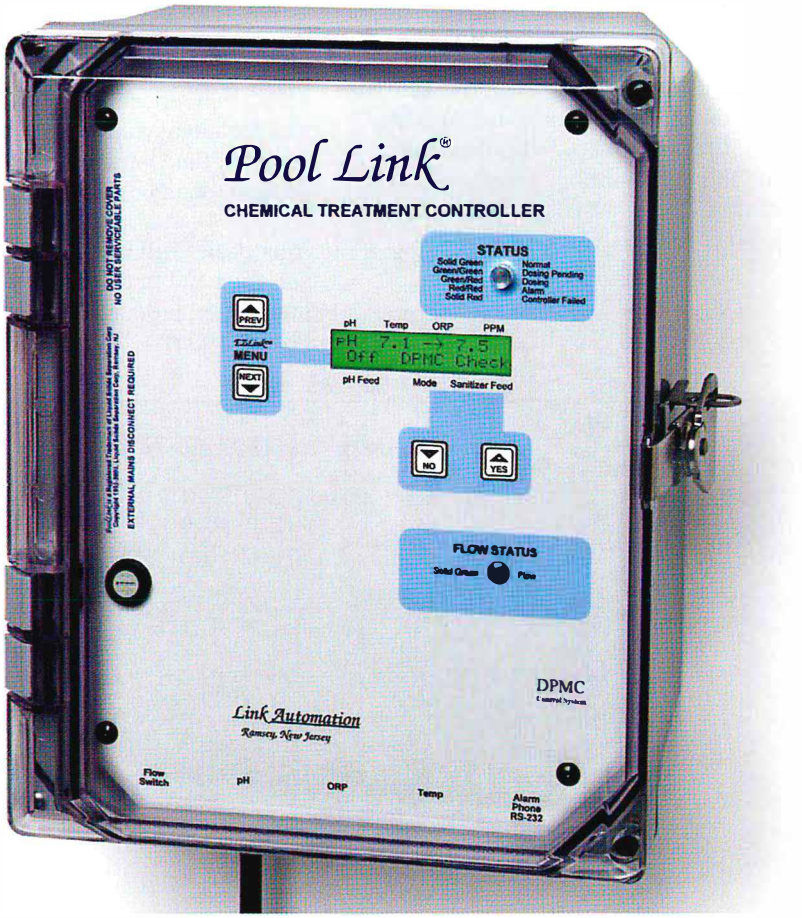
No knobs, or screwdriver adjustments to make. All values are entered with a simple keypad. The Liquid Crystal Display (LCD) shows the current pH, ORP, ppm and temperature. The operation that the controller is currently performing is also displayed ... in simple language.

Three-level Controls

PoolLink® 1000 Series introduces EZLink™ menus. First, the EZ Menu puts manual feed control and of set standardization right at your fingertips. Matching your color test results is as easy as 1-2-3.

Second, the User Menu provides access to basic operating functions available to all operators ... allowing the ideal pH and sanitizer settings and other primary operational functions to be adjusted within preset alarm or operational limits.

Third, the Service Menu is accessed with a special keystroke combination, allowing the supervisor to set the control mode, set or alter alarm values, and have full programming access.



Advanced Features

The time it takes chemicals to completely mix into the water varies from pool to pool and spa to spa. Without some method of accounting for this variance, a controller that works well on a large pool, may overdose on spas. Thus, PoolLink® incorporates separate and adjustable mixing times for pH and sanitizer. This Dynamic Proportional Mix Compensated (DPMC) control, lends to precise treatment of any size body of water.

Calibrations (Offsets) to compensate for probe drift are done through the microprocessor - which does not change probe slope characteristics. A complete and separate alternative chlorination setpoint can be programmed for Super-Chlorination or a second ideal setting. Operators may schedule what weekday and time to start alternative chlorination, in addition to how long to use the alternative chlorination setpoint.

Savings

In addition to providing water that is consistently balanced and pleasant for swimmers, the use of a PoolLink® will reduce the time spent controlling pool chemistry; freeing more time for other tasks. And because proportional dosing reduces changes in chemistry which use or necessitate more chemicals, operators often see reductions in chemical use of more than 30%. Maintaining the pH will help protect pumps, filters and pool walls from corrosion and scaling. The control is 24 hours a day, and the savings can cover the cost of a PoolLink® in a short time.

Link Automation™
Water Products
Bringing industrial control technology to the pool and spa industry

Remote Monitoring and Operation

Since *PoolLink*® is microprocessor based it can be linked to a computer - down the hall or on another continent. *SiteLink*™ is a PC based program designed specifically for remote communication with Link Automation equipment. Everything that can be done from the faceplate can be done from your office or home.

Direct access to the *PoolLink*® 1300 over a phone line or RS-232 connection will give the operator up-to-the-second information. The current chemistry levels, alarm settings and controller history is just a phone call away. The entire set of operating parameters can be transferred to the PC for review and alteration, then sent back to the *PoolLink*® 1300. *SiteLink*™ allows the operator to scroll through PoolLink's menu structure and alter settings just as is done in the equipment room.

Safety

An array of alarm and overfeed protections are operator adjustable. In the event of a power loss, *PoolLink*® retains all alarm values and settings in microprocessor memory - no battery to replace. *PoolLink*® even monitors itself; automatically performing self tests and diagnostics.

Bottom Line?

The *PoolLink*® 1000 Series provides excellent water chemistry control and is easy to operate, but is it expensive? No, top quality microprocessor based control should not be expensive. Compared to competitive controllers, the *PoolLink*® 1000 Series is very nicely priced. Our philosophy is this; new technology must bring about advancements in functionality and control, but not an increase in cost.

Your dealer will be happy to assist in model selection and to tell you about the other automation products offered by *Link Automation*.

Link Automation
... manufactures a complete line of pool and spa automation solutions

PoolLink®	Chemical Treatment Controllers
FilterLink®	Filter Backwash Controllers
LevelLink®	Water Level Controllers
SiteLink™	PC Communication Software
Probe Chambers	The ideal chamber for your pH, ORP/Cl and temperature probes

Technical Data - *PoolLink*® 1000 Series

pH Range	4.0 - 10.0
pH Resolution	0.1
ORP Range	500 - 1000 mV
ORP Resolution	2 mV
Chlorine/ppm Range	0.1 - 12.0+ ppm
Chlorine/ppm Resolution	0.1 ppm
Temperature Range	60-120°
Temperature Resolution	1° F
Input Power	120 VAC 60 Hz, less than 1 Amp, excluding pumps. 3 wire grounded plug GFCI source required.
Output Power	2 switched standard 3-wire grounded outlets, 120 VAC 60 Hz, 6 Amps Cumulative, Fused
Display	2 x 16 character digital display, multi-color flashing LED indicator
Enclosure	PVC NEMA 12 with hinged cover and lockable hasp
Size	10.5" x 8.9" x 6.0"
Weight	5.5 lbs.
Printer	40/80 column thermal dot matrix
Modem	56k Baud internal modem
Communication Software	*SiteLink*™ PC based communication software

Selectable Parameters include:

- Ideal pH, ORP, chlorine/ppm, Br and temperature settings
- Upper and lower limits for acceptable operating range
- Mixing times from 0 - 99 minutes
- Chemical dosing periods from 0 - 99 minutes
- pH dosing either acid or base
- Proportionally pulsed and manual chemical dosing
- Lag compensation with DPMC control
- Safety lockouts for excessive or insufficient feed
- Audible and visual alarms for non-correctable conditions
- Programmable Super-Chlorination

Model Numbers:

- *PoolLink*® 1000 - microprocessor based proportional dosing chemical treatment controller.
- *PoolLink*® 1100 - 1000 model with Super Chlorination, date and time functionality, temperature monitoring and external alarm interface.
- *PoolLink*® 1200 - 1100 with thermal dot matrix printer, full range of interval and specific request printing functions.
- *PoolLink*® 1300 - 1100 with internal modem and the *SiteLink*™ PC based central monitoring and control software.

Specifications subject to change.

REPRESENTED BY

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