



PoolLink® 100 Series

Chemical Treatment Controller
Advanced, precise and economical

Specifically designed for commercial pools and spas, PoolLink® 100 Series automates control of pH and ORP/ppm levels. A specialized microcomputer is at the heart of every PoolLink®. This technology allows the controller to perform complex and exceptionally accurate control functions with the added benefit of versatility, easy setup and operation.

True Proportional Dosing

PoolLink® 100 Series performs continuous monitoring and correction of pH and sanitizer according to your preset levels. Incremental testing and treatment, based on this demand, is called proportional dosing. Proportional dosing results in far more precise and economical water treatment than manual and set-point systems can provide.

Ease of Use

No knobs, or screwdriver adjustments to make. All choices and values are entered with a simple 4-button keypad. The Liquid Crystal Display (LCD) shows the current pH, ORP, and Cl/ppm. Dosing action being taken by the controller is also displayed on the LCD... in simple user-friendly language.

Three-level Controls

PoolLink® 100 Series introduces EZLink™ menus. First, the EZ Menu puts manual feed control and offset standardization right at your fingertips. Matching your color test results is as easy as 1-2-3.

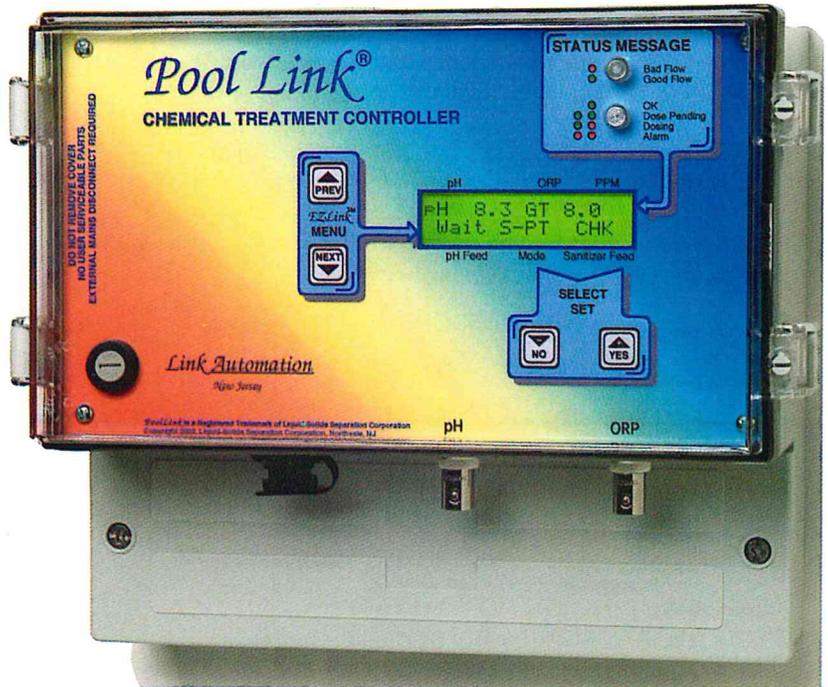
Second, the User Menu provides access to basic operating functions available to all operators ... allowing the ideal pH and sanitizer settings and other primary operational functions to be adjusted within preset alarm or operational limits.

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

PoolLink® 100 Series can be operated as a proportional or basic set-point controller. It can operate under ORP or ppm control and display values in ORP, Cl/ppm or both, with the ppm value based on both ORP and pH. PoolLink® 100 Series also features alarms that can be set and activated at the operator's discretion. Many additional functions are user-selectable.

Offset standardization to compensate for probe aging and variation is done through the microcomputer. No special test generators or chemical kits are required.



Savings

PoolLink® 100 Series will provide water that is consistently balanced and pleasant for swimmers. It will reduce the time spent manually testing and correcting pool chemistry, freeing time for other duties. And because proportional dosing reduces changes in chemistry which use or require more chemicals, operators often see reductions in chemical use of 20 to 40%. Of course, individual pools may vary. Maintaining the pH will help protect mechanical equipment and pool structure from corrosion and scaling.

PoolLink® 100 Series is reliable and on duty 24 hours a day, 7 days a week, all year long. Your savings can repay your investment in PoolLink® 100 Series in a short time.

Link Automation™
Water Products

Bringing industrial control technology to the pool and spa industry

Safety

An array of alarm and overfeed protections are available; factory preset and operator adjustable. In the event of a power loss, *PoolLink*[®] 100 Series retains all alarm values and settings in microcomputer memory, and an internal timer with no battery to replace. *PoolLink*[®] 100 Series even monitors itself; automatically performing self tests and diagnostics, notifying the user of any problems.

Bottom Line?

The *PoolLink*[®] 100 Series chemical treatment controller provides excellent water chemistry control with easy operation. And price? Top quality microcomputer-based control should not be expensive or loaded with features you'll never use. Compared to competitive controllers, the *PoolLink*[®] 100 Series is very modestly priced. Compare function and price. We believe 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* has been a supplier of state-of-the-art, stand-alone, communications-linked control systems for recreational water treatment since 1991.

Link Automation

Manufacturers of a complete line of pool and spa automation solutions for commercial water treatment including school or municipal pools and spas, health clubs, resorts, hotels and motels, water parks, decorative water, and other recreational water attractions.

PoolLink[®] Chemical treatment controllers for the most demanding commercial applications

FilterLink[®] Filter backwash controllers for single or multi-tank systems

LevelLink[®] Water level controllers

SiteLink[™] PC communication software for use with *PoolLink*[®] and *FilterLink*[®] controllers

Probe Chambers The ideal environment for your pH and Cl/ORP probes

Technical Data - *PoolLink*[®] 100 Series

pH Range	4.0 - 10.0
pH Display Resolution	0.1
ORP Range	0 - 1000 mV
ORP Display Resolution	1 mV
Cl/ppm Range	0.1 - 12.0+ ppm
Cl/ppm Display Resolution	0.1 ppm
Input Power	120 VAC 60 Hz, 1/8 Amp, excluding pumps. 3 wire grounded plug GFCI source required.
Output Power	(2) switched 3-wire grounded outlets, 120 VAC 60 Hz, 6 Amps cumulative, fused
Display	2 x 16 character back-lit LCD digital display, multi-color flashing LED indicator
Enclosure	ABS NEMA 12 with hinged cover and latching device
Size	9.0" x 7.3" x 3.4"
Weight	3.0 lbs.

Selectable Parameters include:

- Proportional, set-point, or manual chemical feed
- Ideal pH, ORP, and Cl/ppm settings
- Upper and lower alarm limits to establish acceptable operating range for pH, ORP and Cl/ppm
- Cl/ppm display dependent on pH (or assume pH is 7.5)
- pH dosing either acid or base
- Sanitizer control either Cl/ppm, or ORP
- Standard 1 minute cycle and 0.5 ppm span for Cl/ppm control (20mV span for ORP control)
- Programmable cycle and span for proportional feed
- Lag compensation with DPMC control
- Safety lockouts for excessive or insufficient feed
- Visual alarms for out-of-range or non-correctable conditions

Options and Accessories

- pH and ORP probes
- Chemical pumps and actuators
- Flow switch ready pre-wire
- Piston and rotary flow switches
- DPMC control software
- Bypass lines
- Probe sample chambers
- Installation plumbing kits

Features, specifications, products, and pricing subject to change without notice.

REPRESENTED BY:

Link Automation[™]

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