

# INTELLICHEM<sup>®</sup>

## COMMERCIAL WATER CHEMISTRY CONTROLLER

### ULTIMATE POOL CHEMICAL MANAGEMENT AND CONVENIENCE

Keeping water chemistry balanced is safer, less expensive and stress-free with the IntelliChem chemical management system from Pentair. Our all-in-one solution comes with IntelliChem chemistry controller, wireless device, flow cell and chemical feeder(s) on a single panel for convenient installation and use.



The IntelliChem monitors real-time values of pH, ORP, calculated parts per million (cPPM) and temperature. Continuous monitoring with a sophisticated chemical dosing algorithm means efficient pH and sanitizer control. This prevents harsh chemical swings that can give swimmers burning eyes, itchy skin and bleached-out bathing suits. And it also heads off costly and time-consuming maintenance.

Onboard data logging makes this product California Title 22 Compliant, taking local or remote chemical control management to a new level.

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### INTELLICHEM STANDARD FEATURES

#### AUTOMATION

- Monitors pH, ORP, temperature and cPPM.
- Programmable chemical feed cycle and on and off times for precise water balance.
- Built-in Langelier Saturation Index calculator lets you know when water chemistry is perfectly balanced... and when it's not.

#### SAFETY

- Flow switch ensures chemicals won't feed without system flow, guarding against false readings and equipment damage.
- Dual sanitizer support. When sudden heavy bather load occurs, secondary chlorine source feeder kicks in to get pool up to chlorine set point quickly.
- Prevents excess chemical addition within a 24-hour period.

#### TECHNOLOGY

- ScreenLogic iOS app lets you track pH and ORP levels and make adjustments locally or remotely.
- Password-protected access stops tampering or accidental program change.
- 30-day data log storage of pH, ORP, cPPM and temperature.
- Battery backup for Real-Time Clock (RTC).

#### EQUIPMENT

- Compatible with IntelliChlor<sup>®</sup> Salt Chlorine Generators and Pentair CO<sub>2</sub> systems.
- Other Configurations: 50 GPD peristaltic pump (1 or 2), mounted to a back panel and wireless connection.
- Direct replacement for AK110.

#### COMPLIANCE/CERTIFICATIONS

- California Title 22 Compliant.
- UL 1563 and NSF/ANSI 50 certified.

## BENEFITS

### HIGHER WATER QUALITY

- Dual sanitizer support quickly addresses sudden heavy bather load's effects on pool chlorine level.
- Eliminates customer complaints about eye and skin irritation and the unpleasant odor caused by out-of-balance water conditions.
- Makes sanitizer more effective by eliminating fluctuations in pH level.

### EASIER SERVICE/MAINTENANCE

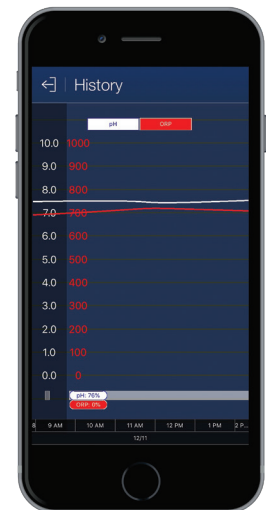
- No need to be on-site to track pH or ORP—just use the ScreenLogic app wherever you may be.
- Eliminates the time and guesswork that lead to chemical imbalances as bather loads change and airborne contaminants invade the pool.
- No more manual handling of chlorine and acid.
- Auto Setup/Configuration wizard makes startup quick and easy.

### LOWER EXPENSES

- Reduces chemical costs by accurate additions only when needed, eliminating waste.
- Helps prevent corrosion and scaling caused when pH swings in and out of balance, extending equipment life.



Plug & play installation with all components pre-mounted and pre-wired.  
IntelliChem with 2 pump configuration option.



Easy-to-install, powerful chemical automation with ScreenLogic integration (iOS app).

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### SPECIFICATIONS

Pentair's IntelliChem Commercial Water Chemistry Controller has the controller, flow cell, ScreenLogic wireless transceiver and Stenner commercial pump mounted on a 2' x 2' backboard. Supports dual sanitization (SCG primary + liquid secondary) and can be monitored and controlled by ScreenLogic's iOS app.

MODEL NUMBER	FEED PUMPS	UPC NUMBER
523478	0	788379884871
522577	1	788379506469
522578	2	788379506476

### OPTIONAL: CO<sub>2</sub> SOLENOID FLOWMETER SYSTEM

MODEL NUMBER	DESCRIPTION
751000030	CO <sub>2</sub> System, Low Output 30 SCFH
751000040	CO <sub>2</sub> System, High Output 100 SCFH

### ABOUT PENTAIR

Pentair works as hard to exceed your expectations as you do for your customers, business or consumer. We can provide the highest-quality, most energy-efficient systems on the market for any of your commercial pool or spa needs.

Visit [Pentair.com](http://Pentair.com) today to learn why pool operators and service professionals can highly recommend our products and solutions.



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