

INTELLICHEM[®]

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® Salt Chlorine Generators and Pentair CO₂ 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: CO₂ SOLENOID FLOWMETER SYSTEM

MODEL NUMBER	DESCRIPTION
751000030	CO ₂ System, Low Output 30 SCFH
751000040	CO ₂ 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 today to learn why pool operators and service professionals can highly recommend our products and solutions.



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