

INTELLICHEM® CHEMICAL CONTROLLER



IntelliChem
Chemical
Controller



Chemical Tanks
with on board
pumps



Featured Highlights

- Auto Setup/Configuration wizard makes start-up quick and easy
- Programmable chemical feed cycle and mix times for precise water balance
- Assures safe water conditions by preventing excess chemical addition
- Built-in Langelier Saturation Index calculator lets you know when your water chemistry is perfectly in or out of balance
- Minimizes chemical costs by adding chemicals with precision
- Flow sensor ensures chemicals won't feed without system flow
- Password-protected access prevents tampering or accidental program change
- Seamless interface with IntelliTouch®, EasyTouch®, SunTouch® Automation Systems and ScreenLogic2® Interface for superior chemical management
- Compatible with IntelliChlor® Salt Chlorine Generators, external dosing pumps, and CO₂ systems

The IntelliChem Chemical Controller automatically monitors pool pH and sanitizing levels and delivers just the right amount of chemicals. IntelliChem Chemical Controller can work independently or in conjunction with other Pentair automation products. It's built-in Langelier Saturation Index calculator lets pool owners know when the water is in or out of balance. IntelliChem Chemical Controller uses the same technology found in commercial installations, water parks, hotel and community pools.

Ordering Information

Product	Description	Application
INTELLICHEM CHEMICAL CONTROLLER		
521357	Controller Only	For systems using external feed pumps, IntelliChlor, or CO ₂ . Containers ordered separately. The 521357 Controller is NSF Listed.
522621	Controller and Acid Tank with Tank Mounted Pump ^{1,2}	For systems requiring a tank and pump for feeding liquid acid
522622	Controller and Acid and Chlorine Tanks with Tank Mounted Pumps ^{1,2}	For systems requiring tanks and pumps for feeding liquid and Chlorine
COMMERCIAL INTELLICHEM CHEMICAL CONTROLLER		
522577	IntelliChem Commercial System - 1 pump ^{1,2}	Dual sanitization support w/standalone ScreenLogic remote PC connectivity. Pre-mounted and pre-wired on 2'x2' plastic backboard. Containers ordered separately. The 522577 Controller is ETL Listed to NSF 50 Standard
522578	IntelliChem Commercial System - 2 pumps ^{1,2}	Dual sanitization support w/standalone ScreenLogic remote PC connectivity. Pre-mounted and pre-wired on 2'x2' plastic backboard. Containers ordered separately. The 522578 Controller is ETL Listed to NSF 50 Standard.
INTELLICHEM CHEMICAL CONTROLLER ACCESSORIES		
522472	Acid Tank with Tank Mounted Pump ^{1,2}	Convenient and innovative container for storing and feeding liquid acid. No external pump required.
522473	Chlorine Tank with Tank Mounted Pump ^{1,2}	Convenient and innovative container for storing and feeding liquid chlorine. No external pump required
522474	Upgrade Kit for IntelliChem Container	Upgrade older non-pump containers (521378 & 521397) with the new tank mounted pump
522478Z	Upgrade Kit for IntelliChem Controller	Upgrade controller only systems to use the new tank mounted pumps
751000610	Stenner 10GPD External Pump ^{1,2}	10GPD Stenner pump for feeding liquid acid or chlorine
522650	Stenner 10GPD Pump Tube - 2 pk. ^{1,2}	10GPD Stenner pump tubes for every 6-month replacement
522651	Stenner 10GPD Pump Tube - 5 pk. ^{1,2}	10GPD Stenner pump tube for every 6-month replacement
521378	Acid Container ¹	Convenient and innovative container for storing muriatic acid (must provide separate external pump or can be upgraded with the new pump on tank PN 522474)
521397	Chlorine Container	Convenient and innovative container for storing chlorine (must provide separate external pump or can be upgraded with the new pump on tank PN 522474)
714000070	CO ₂ Kit w/Diffuser, Solenoid, Regulator	For systems using CO ₂ to lower pH levels.
521622	IntelliChem Winterizing Kit	Includes protective end caps and solution for storing pH and ORP probes
521498	IntelliChem Flash Programming Kit	Upgrade IntelliChem Chemical Controllers to the latest firmware for added functionality and improved performance
522480	Stenner Blue Pump on Tank Tube Replacement [2/pk]	

¹ Pentair always recommends 1:1 dilution when using full strength muriatic acid. When mixing, remember to always add acid to water.

² Pentair recommends replacing peristaltic pump tubes every 6 months.

Note: Always try to position container off the equipment pad (if possible).



See page 379 for
replacement parts.

CONFORMS TO
ANSI/NSF 50 STANDARD
PN 522577/78 Only

Certified to
NSF/ANSI Standard 50
PN 521357 Only