



# Sanitizer and pH Control

DIGITAL CONTROLLERS  
for Pools, Spas and Splash Pads

## SIMPLE, RELIABLE AND FLEXIBLE

Driven by advanced microprocessor technology, Chemtrol® Digital Controllers usher in a brand new standard of sophistication in automated water treatment. These user-friendly controllers automatically maintain both sanitizer concentration and water pH. They offer the choice of control in PPM (parts per million or milligrams per liter) of free chlorine – or with ORP (Oxidation-Reduction Potential) for chlorine, bromine or ozone. Applications include swimming pools, spas, splash pads, cooling towers, boilers, industrial process water, food processing, drinking water and wastewater treatment. All controllers are user-friendly and reliable – as well as easy to install and operate. Each unit comes with an instruction manual and the security of a **5-year electronics warranty**.

Bright LCD displays shows all readings, the calibration adjustments and the alarm limits. Five LED lights indicate the operating modes (OFF, Manual or Auto), feed status, out-of-range alarms and overfeed alarms. The front-panel controls include setpoint, calibration, low and high alarm limits, safety timer limit and proportional feed adjustment. Feed control is either ON/OFF or proportional. The proportional feed feature is particularly useful to avoid overfeeding in small bodies of water. It reduces the feed cycle time progressively as the sensor reading approaches the setpoint.



**SANTA BARBARA  
CONTROL SYSTEMS**

Leaders in Automated Water Treatment Since 1976  
800-621-2279 | 805-683-8833 | sbcontrol.com



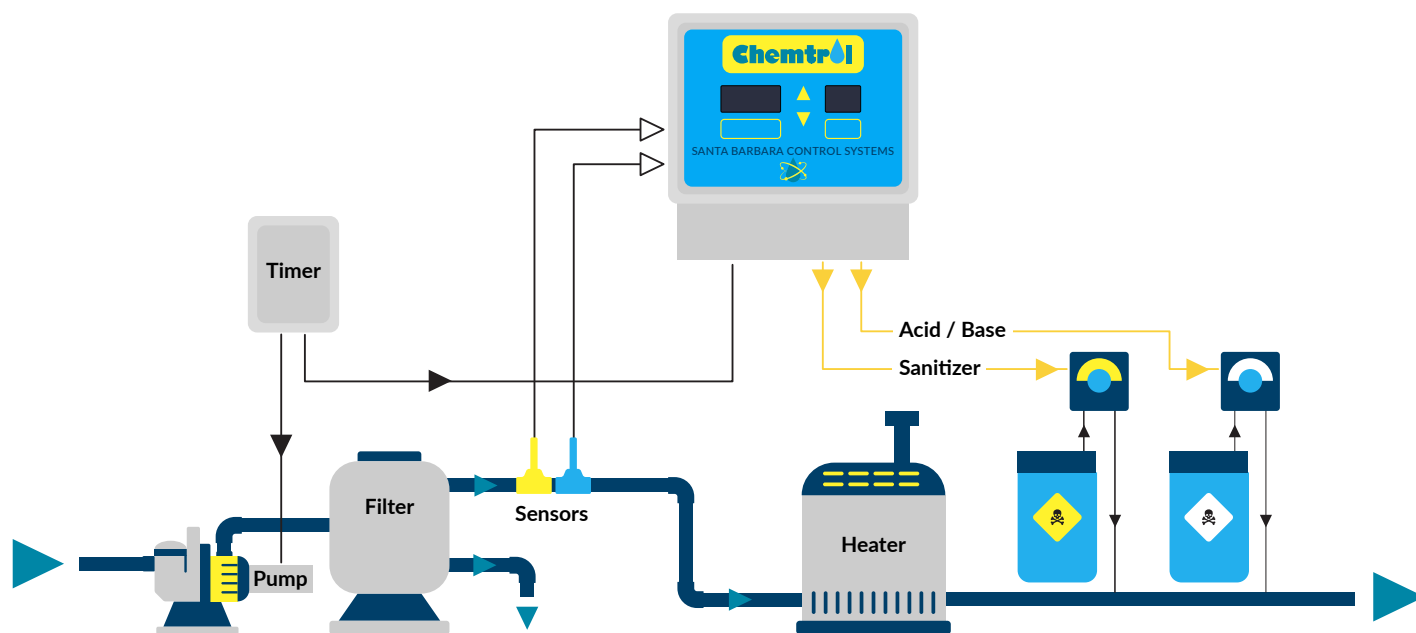
## TECHNICAL SUPPORT

- Savings continue after installation. It **pays for itself in 1 to 2 years** through cost savings in operation and maintenance expenses. Save even more from the efficient use of chemicals, avoiding over- and under-feeding and from lower labor costs for water testing and repairs of damaged equipment. Commercial operators especially save on **specialty chemicals, customer complaints and health department shutdowns**.
- **Receive immediate tech support.** Our webserver communication enables immediate technical support remotely from our service department or with a Qualified Dealer. Call 1-800-621-2279 or email [sales@sbcontrol.com](mailto:sales@sbcontrol.com).

## STANDARD FEATURES

- All functions on front panels
- Adjustable setpoints and alarms
- Adjustable alarms
- Proportional feed and overfeed safety timers
- Waterproof cabinet
- Optional communications packages also available





1

**CONTROLLER**  
Connect controller to Timer in parallel with Main Pump. Make sure to follow electrical codes.

2

**SENSORS**  
Install sensors on recirculation line after filter or on bypass line\*.  
\*recommended option

3

**CHEMICAL FEEDERS**  
Connect chemical feeders to controller outputs. For a chlorine erosion feeder, install solenoid valve on intake line.

## SPECIFICATIONS

PPM Sensor	Solid State with Selective Membrane and 10 ft. sensor cable
ORP Sensor	Platinum electrode with 10-ft (3 m) cable
pH Sensor	Glass electrode with 10-ft (3 m) cable
PPM Control	Standard from 0.1 to 10 ppm (mg/l) / Optional from 0.01 to 2.00 ppm (mg/l)
ORP Control	Adjustable from 200 to 995 mV
pH Control	Adjustable from 7.0 to 8.0
Readouts	PPM or ORP (3 digits) and pH (2 digits) LEDs
Feed Modes	Manual, automatic, proportional
Adjustments	Setpoint, calibration, limits, feed rate
Indicators	LEDs for feed mode, feed status, alarms
Safety	Audio, visual and remote alarms, Out-of-range limits and overfeed safety timers
Cabinet	Polystyrene 9x7x4 in. (22x18x10 cm)
Plumbing	PVC tees for 1-1/2" or 2" line
Electrical	110V, 230V or 24 VAC (specify)
Warranty	5 years on electronic module/1 year on all other parts
Shipping	12x12x12-in (30x30x30 cm) carton 9 lbs (4 kg) without pumps 18 lbs (8 kg) with 2 chemical feed pumps
Approvals	UL and NSF 50 Approved



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## THE CHEMTROL GUARANTEE

Every unit we make is supplied with a comprehensive operation manual and is backed by our five year electronics warranty. Our customer support department is second to none, providing the technical support you need - and we've been part of over 100,000 installations worldwide.