

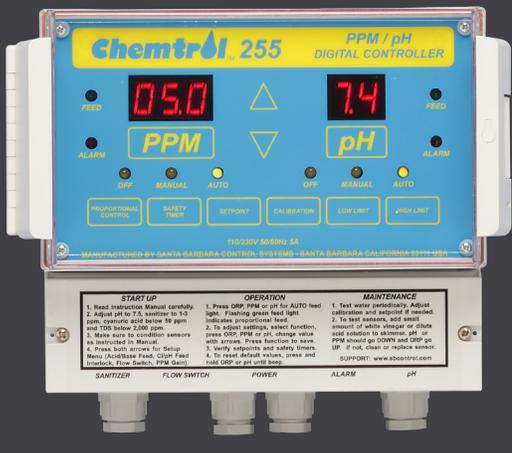
Chemtrol® 255

DIGITAL CONTROLLER

PPM / pH Digital Controller
with Free Chlorine Control

SIMPLE, RELIABLE AND FLEXIBLE

The Chemtrol® 255 PPM/pH Digital Controller helps ensure direct reliable readings of free chlorine (HOCl + OCl⁻ + Chlorinated Isocyanurates) concentration in water. Unlike conventional amperometric or colorimetric sensors, it's easy to install and operate. Not affected by cyanurates or oxidizers, it also doesn't require a pressure flow cell and/or expensive and expendable chemical reagents. It's the only easy-to-use controller offering true free chlorine and pH control for pools, spas, cooling towers and industrial water treatment and is compatible with cyanuric acid (CYA) at all concentrations. Each controller comes with a special low-pressure cell that ensures a smooth flow of water for precise and reliable control of free chlorine, the security of a 5-year warranty and is practically *maintenance free*.



**SANTA BARBARA
CONTROL SYSTEMS**

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

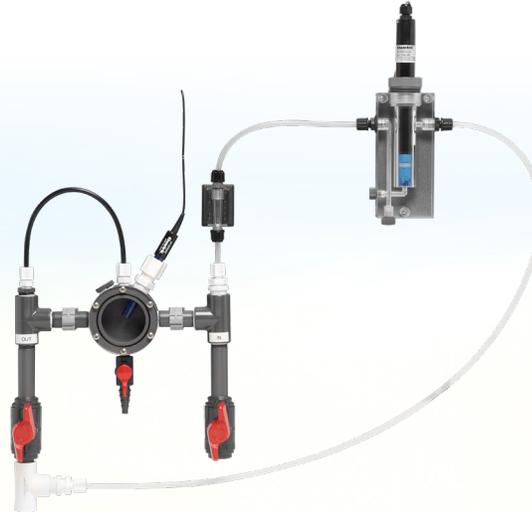


TECHNICAL SUPPORT

- 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.
- **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.

STANDARD FEATURES

- All functions on front panel
- Acid/base selector
- Proportional feed
- Programmable 4-20 mA dual channel output to PID
- Free CL range 0-10 PPM or 0-2 PPM
- Ethernet/Internet communications



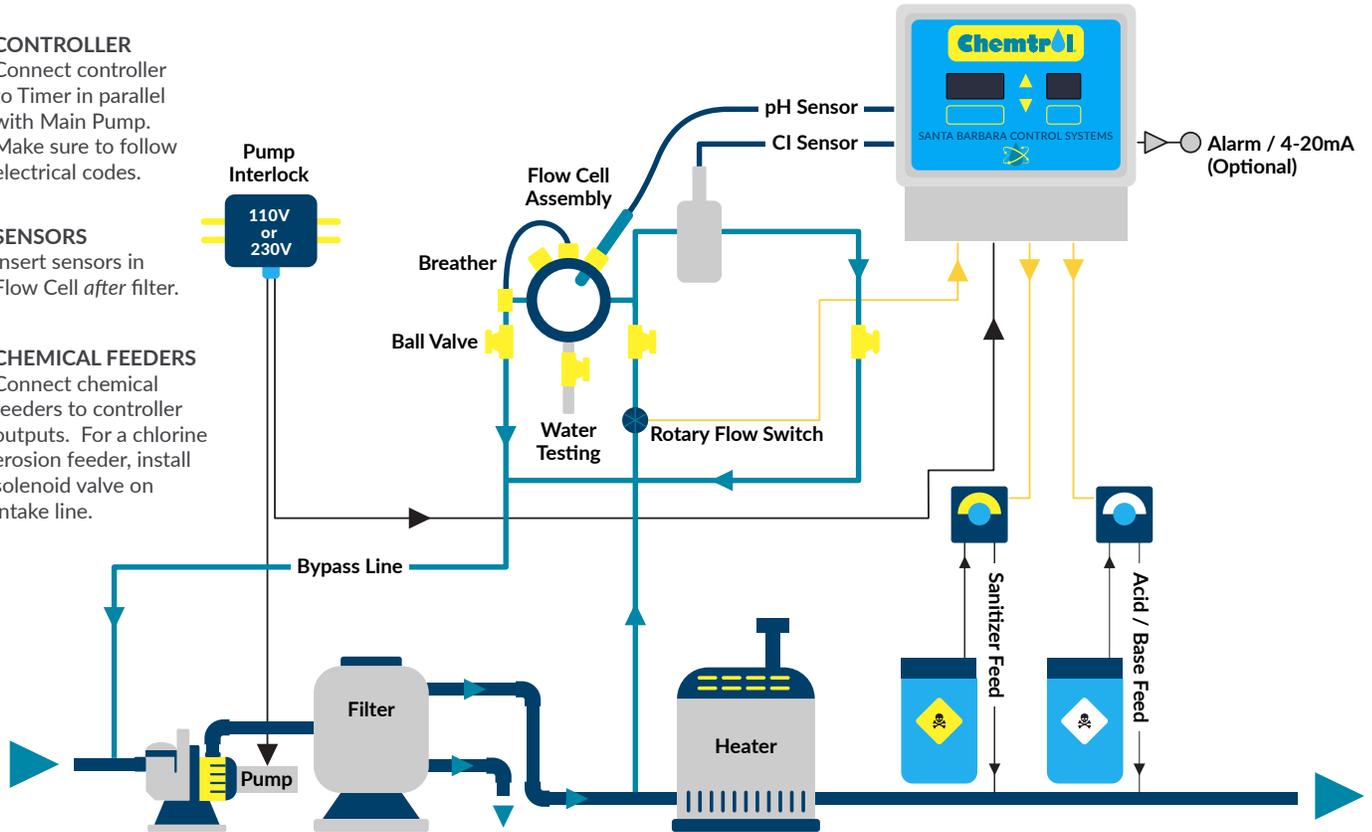
PPM Chlorine Sensor



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

2 SENSORS
Insert sensors in Flow Cell *after* filter.

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



SPECIFICATIONS

PPM Control	Standard from 0.1 to 10 ppm (mg/l) Optional from 0.02 to 2.0 ppm (mg/l)	
pH Control	7.0 to 8.0	Adjustable
PPM Sensor	Solid State with Selective Membrane	
pH Sensor	10ft (3m) cable	Glass electrode
Readouts	PPM (3 digits) and pH (2 digits)	LEDs
Feed Modes	Manual, automatic, proportional	
Adjustments	Setpoint, calibration, limits, feed rate	
Indicators	Feed mode, feed status, alarms	LEDs
Safety	Audio, visual and remote alarms	Out of range limits and overfeed safety timers
Cabinet	9 x 7 x 4 in (22 x 18 x 10 cm)	Polystyrene
Electrical	110V, 230V or 24 VAC (specify)	
Plumbing	Sensor Cell Assembly	
Warranty	5 year electronics / 2 year PPM sensor / 1 year on all other parts	
Shipping	12 x 12 x 12 in (30 x 30 x 30 cm) 9 lbs (4 kg) without pumps 18 lbs (8 kg) with 2 chemical feed pumps	Carton
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.