

Chemtrol™ 255

PPM/pH DIGITAL CONTROLLER

with
True Free Chlorine Control

The CHEMTROL™ 255 PPM/pH Controller introduces a long-awaited technological breakthrough in automated water treatment with a proprietary new sensor for Free Chlorine.

True PPM Readings

The new **PPM Sensor** is a solid state sensor with a selective membrane that provides direct readings of Free Chlorine in water at concentrations ranging from 0.1 to 10 ppm (parts per million) or mg/l (milligrams per liter). These are true readings of Free Chlorine and not approximate values derived from ORP readings.

A significant advantage of this sensor is that it's not affected by **cyanuric acid (CYA)** stabilizer and/or **oxidizers**, thereby assuring constant Free Chlorine levels at all times. Extensive laboratory and field tests have shown it to be very accurate and reliable.

Easy to Install and Operate

Unlike conventional amperometric or colorimetric sensors, this sensor is easy to install and operate. It does not require a special pressure flow cell and/or expensive and expendable chemical reagents. And best of all, it's **maintenance free**.

Precise and Reliable Control

As shown on the graphic data log on the right, the new sensor gives the operator precise and reliable control of Free Chlorine under the most difficult conditions.

The CHEMTROL™ 255 is the only easy-to-use controller offering True Free Chlorine and pH control for pools, spas, cooling towers, industrial water treatment, etc.

For more information, contact your CHEMTROL™ **Qualified Dealer** today.

800-621-2279

Fax 805-683-1893
Internet www.sbcontrol.com
Phone 805-683-8833

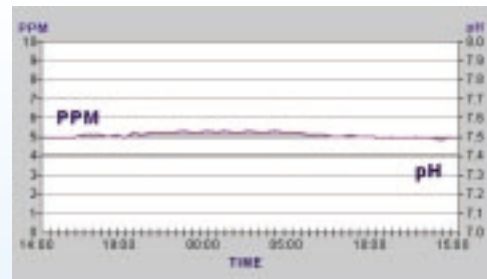


5375 Overpass Road - Santa Barbara, CA 93111 USA

Automated Water Treatment Since 1976



Precise PPM and pH Control



24-hour Data Log from Outdoor Public Pool with PPM Sensor

IDEAL FOR:

Hotels
Motels
Clubs
Condos
Apartments
Homes

EXCLUSIVE FEATURES

- ✓ New Solid State Sensor with selective membrane for Free Chlorine
- ✓ Not affected by Cyanurates
- ✓ Not affected by Oxidizers
- ✓ No expendable reagents
- ✓ No pressure cell

PLUS

- ✓ Easy to install
- ✓ Simple to use
- ✓ All Functions on Front Panel
- ✓ Adjustable Setpoints
- ✓ Adjustable Alarms
- ✓ Acid/Base Selector
- ✓ Proportional Feed
- ✓ Overfeed Safety Timers
- ✓ Rain and Splash Proof Cabinet
- ✓ 5-year Electronics Warranty
- ✓ Toll-Free Technical Support

EASY TO INSTALL

EASY AS 1-2-3

1

CONTROLLER

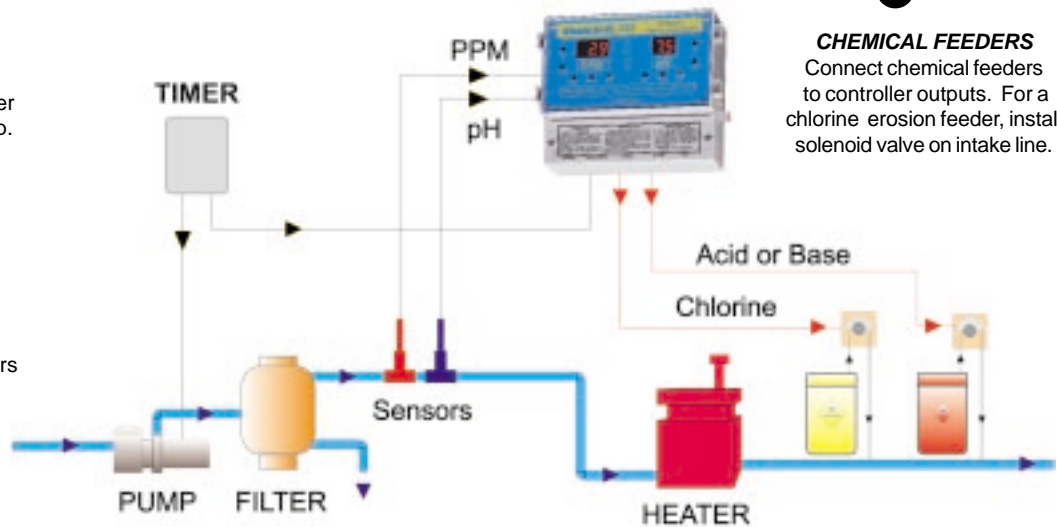
Connect controller to Timer in parallel with Main Pump. Make sure to follow electrical codes

2

SENSORS

Install PPM and pH 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.

SIMPLE TO OPERATE

The **CHEMTROL™ 255 PPM/pH Controller** automatically maintains both Free Chlorine concentration and pH of the water.

All operating functions are clearly labelled and accessible from the front panel, with safety and easy-reset features not found on other controllers.

The **Free Chlorine concentration can be adjusted from 0.1 to 10 ppm (or mg/l)** based on local Health Department and NATIONAL SPA AND POOL INSTITUTE (NSPI) values for prevention of germs and bacteria (or from 0.01 to 2.0 for low chlorine level applications).

The **standard pH control level is 7.5**. Below 7.4, the water is too acidic and causes corrosion and eye irritation. Above 7.6, it is too alkaline and causes eye irritation plus water cloudiness, scaling, stains and reduced sanitizer efficiency.

A SOUND INVESTMENT

The **CHEMTROL™ 255 PPM/pH Controller** is based on 25+ years of experience in pool and spa automation with over 25,000 installations worldwide. Featuring a 5-year electronics warranty, it **actually pays for itself in 1 to 2 years** through cost savings in operating and maintenance expenses.

Savings continue to accrue from the more efficient use of chemicals, avoiding over- and underfeeding, and from lower labor costs for water testing and repairs of damaged equipment. In particular, commercial operators save on **specialty chemicals, customer complaints and health department shutdowns**.

SPECIFICATIONS

PPM CONTROL

Standard from 0.1 to 10 ppm (mg/l)
Optional from 0.01 to 2.0 ppm (mg/l)
Adjustable from 7.0 to 8.0

pH CONTROL

PPM SENSOR

pH SENSOR

READOUTS

FEED MODES

ADJUSTMENTS

INDICATORS

SAFETY

Manual, automatic, proportional
Setpoint, calibration, limits, feed rate
LEDs for feed mode, feed status, alarms
Audio, visual and remote alarms
Out-of-range limits and overfeed safety timers

CABINET

ELECTRICAL

PLUMBING

WARRANTY

Polystyrene 9x7x4 in. (22x18x10 cm)
110V, 230V or 24 VAC (specify)
PVC tees for 1-1/2" or 2" line
5 years on electronic module

SHIPPING

1 year on all other parts
12x12x12-in (30x30x30 cm) carton
9 lbs (4 kg) without pumps
18 lbs (8 kg) with 2 chemical feed pumps

AUTHORIZED CHEMTROL™ DEALER