

# CHEMTROL® 250

## ORP/pH Digital Controller

Automated Water Treatment Since 1976

For Cleaner and Safer Pools and Spas.



### IDEAL FOR:

Hotels  
Motels  
Clubs  
Condos  
Apartments  
Homes

### EXCLUSIVE FEATURES

- ✓ 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

800-621-2279

Phone: 805-683-8833

Fax: 805-683-1893

Internet: [www.sbcontrol.com](http://www.sbcontrol.com)



5375 Overpass Road - Santa Barbara, CA 93111 USA

## EASY TO INSTALL

### EASY AS 1-2-3

1

#### CONTROLLER

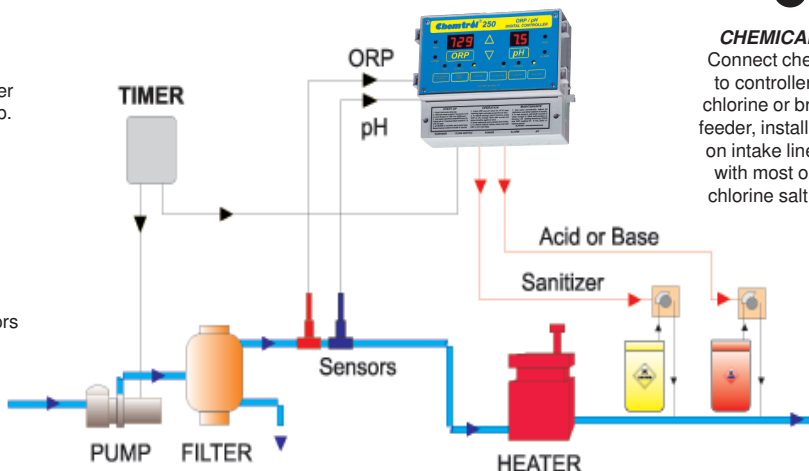
Connect controller to Timer in parallel with Main Pump. Make sure to follow electrical codes

2

#### SENSORS

Install ORP and pH sensors on recirculation line after filter or bypass line\*.

\*recommended option



3

#### CHEMICAL FEEDERS

Connect chemical feeders to controller outputs. For chlorine or bromine erosion feeder, install solenoid valve on intake line. Compatible with most ozonators and chlorine salt generators.

## SIMPLE TO OPERATE

The **CHEMTROL® 250** ORP/pH Digital Controller automatically maintains both sanitizer ORP (oxidation-reduction potential or Redox) and water pH in pools and spas. All operating functions are clearly labeled and accessible from the front panel, with safety and easy-reset features not found on other controllers.

**The default 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.

**The default ORP control level is 700 mV,** based on WORLD HEALTH ORGANIZATION (WHO) and NATIONAL SPA AND POOL INSTITUTE (NSPI) values for prevention of germs and bacteria.

NOTE: Not recommended with electrolytic chlorine generators.

## A SOUND INVESTMENT

The **CHEMTROL® 250** ORP/pH Digital Controller is based on over 25 years of experience in pool and spa automation with over 30,000 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

**ORP CONTROL**  
**pH CONTROL**  
**ORP SENSOR**  
**pH SENSOR**  
**READOUTS**  
**FEED MODES**  
**ADJUSTMENTS**  
**INDICATORS**  
**SAFETY**

**CABINET**  
**ELECTRICAL**  
**PLUMBING**  
**WARRANTY**

**SHIPPING**

Adjustable from 200 to 995 mV  
Adjustable from 4.0 to 10.0  
Platinum electrode with 10-ft (3 m) cable  
Glass electrode with 10-ft (3 m) cable  
ORP (3 digits) and pH (2 digits) LEDs  
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  
Polystyrene 9x7x4 in. (22x18x10 cm)  
110 VAC, 230 VAC or 24 VAC (specify)  
PVC tees for 1/2", 1-1/2" or 2" line  
5 years on electronic module  
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**