

CHEMTROL™ 250

ORP/pH Digital Controller

Automated Water Treatment Since 1976

Sanitizer and pH control made easy.



For better water maintenance
in pools and spas.

Ideal for:
Hotels
Motels
Clubs
Condos
Apartments
Homes

CHEMTROL™ 250 DIGITAL CONTROLLER

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

800-621-2279

Phone: 805-683-8833

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Internet: 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

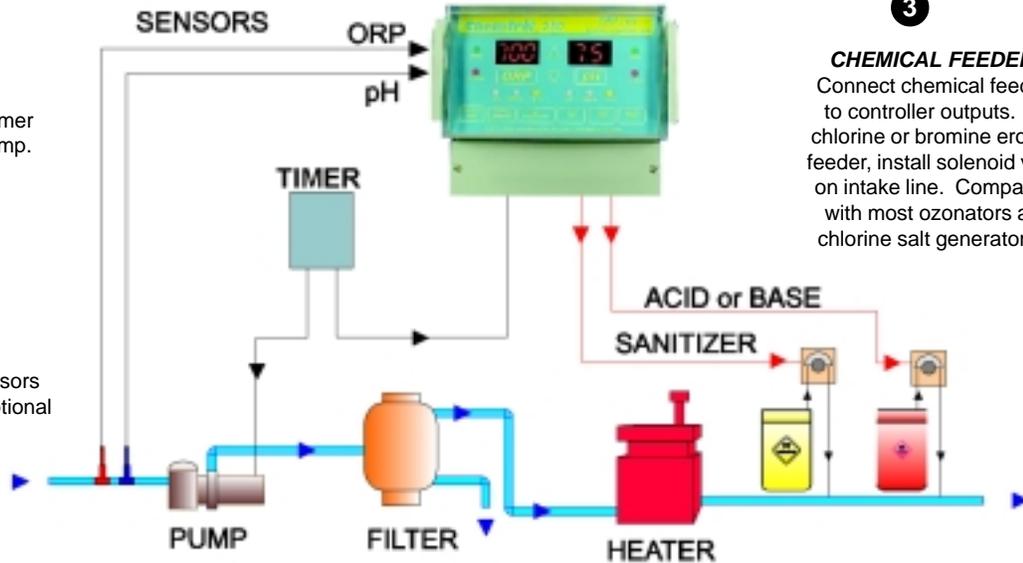
SENSORS

Install ORP and pH sensors on recirculation line or optional bypass line.

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 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.

The standard 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.

A SOUND INVESTMENT

The CHEMTROL™ 250 ORP/pH Digital Controller is based on 20+ 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

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

CABINET
ELECTRICAL
PLUMBING
WARRANTY

SHIPPING

Adjustable from 400 to 900 mV
Adjustable from 7.0 to 8.0
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)
110V, 230V or 24 VAC (specify)
PVC tees for 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