



Ideal in high-end residential pools, small commercial pools and Industrial applications

CHEMTROL® CH230 Digital ORP Controller

The **CHEMTROL® 230** ORP Controller is a simple, easy to use controller designed to monitor and maintain the Oxidation-Reduction Potential (ORP or Redox) of neutral-type sanitizers - such as bromine or dichlor - that do not require pH control.

For complete peace of mind, proven reliability and performance, the **CHEMTROL® CH230** is a fully automated 'set and forget' chemical control system.

Return on Investment

CHEMTROL® digital range of microprocessor-based controllers are the result of 40+ years of water treatment and chemical automation research and development. With 50,000+ installation worldwide our equipment is relied upon to guarantee clean and safe water for clients across a wide array of domestic, commercial and Industrial applications.

The **CHEMTROL® CH230** feature a 5-year electronic warranty, it actually pays for itself in less than 2 years through cost saving in operating and maintenance expenses.



FEATURES

- Sanitizer control
- Easy to install
- Simple to use
- All Functions on Front Panel
- Adjustable Set-points
- Adjustable Alarms
- Proportional Feed
- Overfeed Safety Timers
- Rain and Splash Proof Cabinet
- 5-year Electronics Warranty

IDEAL FOR

The **CHEMTROL® 230** is a microprocessor-based digital controller designed to maintain the sanitizer ORP (oxidation-reduction potential or Redox) level in high-end residential pools, small commercial pools and spas and Industrial applications.

1300 585 820

AUSTRALIA
CHEMTROL
Smart. Clean. Simple

Installation of the CHEMTROL® 230 is as easy as 1-2-3

1) CONTROLLER

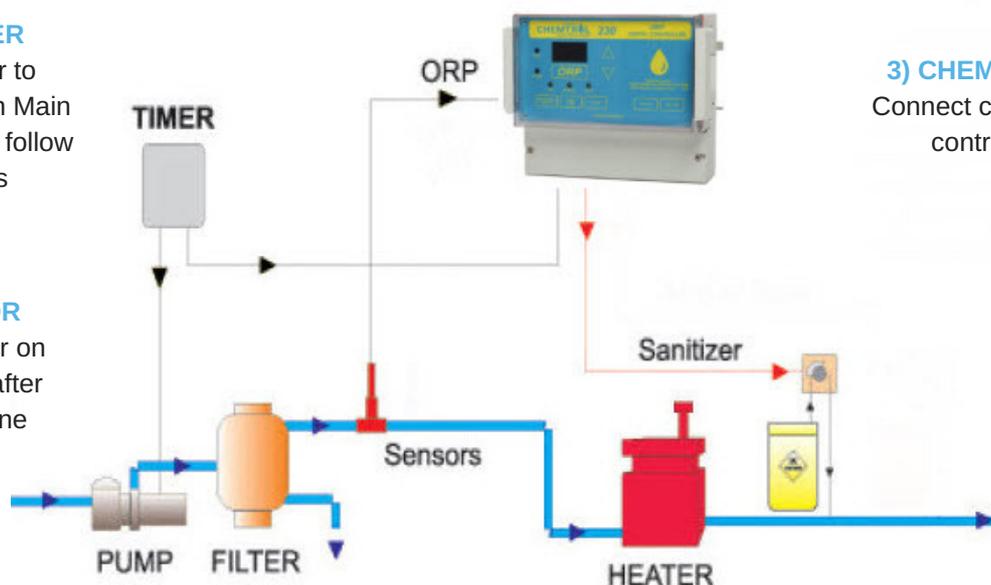
connect controller to Timer in parallel with Main Pump. Make sure to follow electrical codes

2) ORP SENSOR

Install ORP sensor on recirculation line after filter or bypass line

3) CHEMICAL FEEDER

Connect chemical feeder to controller output.



Easy to use

The bright LCD display shows ORP readings, the calibration adjustments and the alarm limits. Five LED lights indicates the operating modes: Off, Manual, Auto, Feed status, out-of-range alarms and overfeed alarms. The front panel controls include set-point, calibration, low and high alarm limits, safety timer limit and proportional feed adjustment.

Feed control is either on/off or Proportional. The Proportional feed is particularly useful to avoid overfeeding in small bodies of water. it reduces the fed cycle time progressively as the sensor reading approaches the set-point.

CHEMTROL® CH230 is a user-friendly and reliable controller, as well as easy to install and operate. The controller supplied with a comprehensive operation manual and a **5-year electronics warranty**.

Simple to operate

The **CHEMTROL® 230** automatically maintains the sanitizer ORP (oxidation-reduction potential or Redox) level. All operating functions are clearly labelled and accessible from the front panel, with safety and easy-reset features.

The **default ORP control** level is 700 mV, based on local Health Departments and World Health Organisation (WHO). When there is an **alarm** condition, the corresponding display flashes the alarm value: ORP out-of-range, ORP overfeed. The display stops flashing when the condition is corrected.

The ideal values are set as default values. They can be adjusted by the operator at any time. To **reset** all factory default values, press ORP button for 5 seconds.

Specifications

ORP CONTROL	- Adjustable from 400 to 900 mV
ORP SENSOR	- Platinum electrode with 3 m cable
READOUTS	- ORP (3 digits) LEDs
FEED MODES	- Manual, automatic, proportional
ADJUSTMENTS	- Set-point, 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 22x18x10 cm
ELECTICAL	- 230VAC or 24VAC (specify)
PLUMBING	- PVC tees for 1/2", 1-1/2" or 2" line
WARRANTY	- 5 years on electronic module 1 year on all other parts
SHIPPING	- 30x30x30 cm carton, 4kg without pumps 6kg with a chemical dosing pump