



# CHEMTROL® CT3000 Programmable Controller

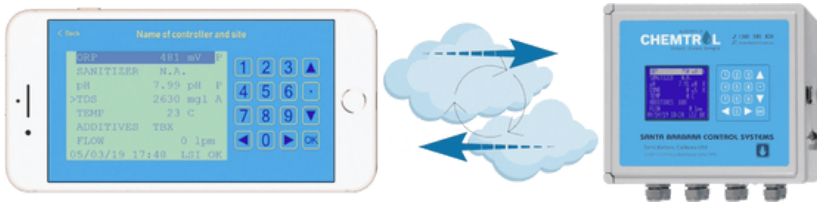
## Designed for cooling towers application

The CT3000 programmable controller, designed for Australian conditions, is equipped with 12 relay output channels for precise control of conductivity, sanitizer, pH, and programmable chemical additives such as inhibitors, biocides, dispersants, etc.

The PC3000 programmable controller offers several standard functions in addition to water chemistry control. Water makeup level control, main recirculation pump programs, 2 water-meter input connections, programmable super chlorination, and an Langelier Saturation Index (LSI) display for water balance. The 8-line LCD display facilitates quick monitoring of all process functions for prompt responses to changing conditions.



## Mirror the controller screen on your device



Use our app to operate the controller  
Anytime, Anywhere

## Simple, Reliable and Flexible

Whether it's a swimming pool, spa, aquatic centre, water park, or industrial water treatment facility, chemical automation is the easiest and most efficient way to ensure proper water quality. Thanks to the Chemtrol® CT3000's advanced microprocessor technology you have access to a new standard of sophistication in automated control of sanitizers, oxidizers, and pH.

The Chemtrol® CT3000 controller has also been designed to be user-friendly, reliable and easy to install. It also comes with an industry-leading five year electronics warranty.

## Standard Features

- ✓ Conductivity control with bleed programs
- ✓ Sanitiser control with automatic oxidizer feed
- ✓ pH control with automatic acid and/or base feed
- ✓ Temperature compensation with display
- ✓ Three additive chemical feed programs
- ✓ Water makeup level control
- ✓ Chemical level alarms with adjustable setpoints
- ✓ Optional chlorine/bromine sensor (ppm) for controlling sanitizer levels in ppm or mg per liter
- ✓ Two water-meter input connections compatible with either pulse or 4-20mA signal
- ✓ Programmable super chlorination program
- ✓ Remote alarm

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## Hassle free installation

In our commitment to simplify the installation process of CHEMTROL® controllers, we have streamlined everything onto a customized assembly manifold, prepared for easy connection.

- ✓ CHEMTROL® uPVC by-pass line assembly
- ✓ Blade style safety Flow Switch
- ✓ Holder fitting for Conductivity, pH, and ORP sensors
- ✓ Flow adjustment valve
- ✓ A choice between uPVC solenoid valve or electric motorized bleed valve. Optional bromine feeder valve
- ✓ Non-return valve with chemical injection points
- ✓ Water sampling valve



## Control your facility 24/7 from anywhere

Smart web-server technology offers true duplex operation, providing identical screens on both the controller and your PC/laptop or any mobile device. This feature is particularly useful for remote monitoring, operator training, troubleshooting, and real-time control of all operating functions. It includes status reports, trend graphs, and automatic alerts via email or text messages.

## The CHEMTROL® advantage

**Discover the convenience of our waterproof cabinet, seamlessly consolidating all your communication needs**

Remote monitoring and control with a cloud-based web server via Ethernet port or WiFi interface.

True duplex operation technology mirrors the controller display on your PC or any mobile device.

Wireless control using a 4G or 5G router. 4-20mA signal for monitoring display outputs.

Building Management System (BMS) and SCADA Communications protocols include:

Modbus IP, Modbus RTU, BACnet IP, BACnet MSTP, and LonWorks.



## Automated water treatment since 1976

### QUALITY

Proven reliability and performance with 5-year electronics warranty

### TECHNOLOGY

Remote monitoring and control with true duplex operation

### EXPERIENCE

45+ years of research and development behind our product range

### SUSTAINABILITY

Chemical & Energy saving programs designed to reduce operating cost

### PEACE OF MIND

Consistent disinfection under varying conditions and regulations