



CHEMTROL® CT110 Programmable Controller

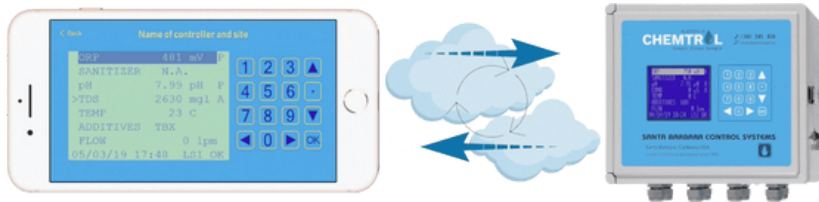
Designed for cooling towers application

The CT110 programmable controller, designed for Australian conditions, is equipped with 6 relay output channels for precise control of conductivity, sanitizer, pH, and programmable chemical additives such as inhibitors, biocides, dispersants, etc.

Additional standard features include 2 water-meter input connections, programmable super chlorination, and an Langelier Saturation Index (LSI) display for water balance. The large, user-friendly 8-line LCD display allows easy supervision of all process functions at a glance, enabling quick responses to changes in 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® CT110's advanced microprocessor technology you have access to a new standard of sophistication in automated control of sanitizers, oxidizers, and pH. The Chemtrol® CT110 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

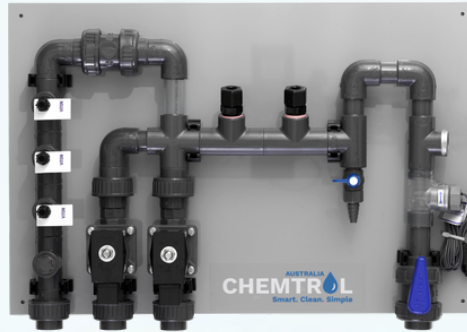
- ✓ Conductivity control with bleed programs
- ✓ Sanitiser control with automatic oxidizer feed
- ✓ pH control with automatic acid and/or base feed
- ✓ Temperature compensation with display
- ✓ Three additive chemical feed programs
- ✓ Chemical level alarms with adjustable setpoints
- ✓ Optional chlorine/bromine 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
- ✓ Flow Cell Assembly (FCA) with Safety flow switch
- ✓ 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