

CHEMTROL® PC110x Chlorine Disinfection System



CHEMTROL® PC110x Programmable Controller

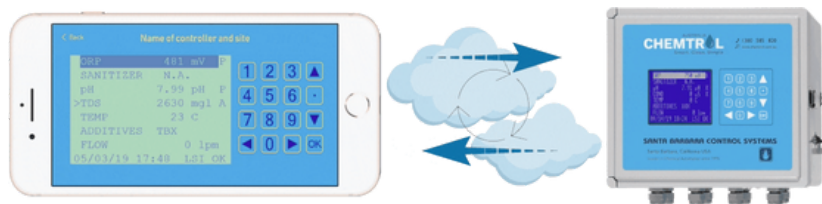
Designed for process-water applications

The PC110x programmable controller is designed with 6 relay output channels for controlling pH and sanitizer, along with a chlorine sensor, dissolved oxygen (DO) and an optional TDS with temperature reading.

Other standard features include 2 water-meter input connections, 2 programmable relay channels for customizing additional equipment, programmable super chlorination, as well as an Langelier Saturation Index (LSI) display for water balance. The large, user-friendly 8-line LCD display allows you to supervise all process functions at a glance, empowering you to respond quickly 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® PC100x's advanced microprocessor technology you have access to a new standard of sophistication in automated control of sanitizers, oxidizers, and pH. The Chemtrol® PC110x 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

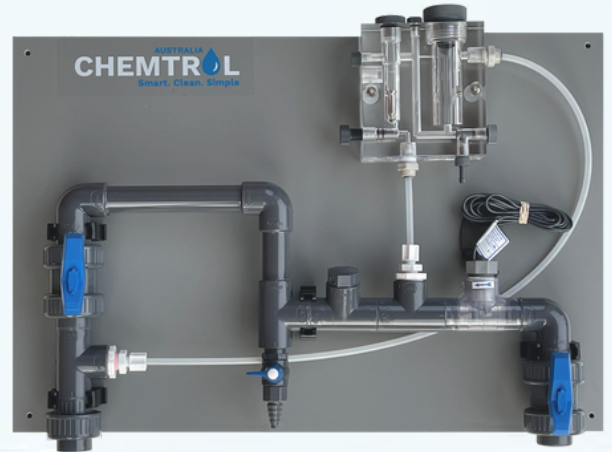
- ✓ pH control with a choice of acid, co2 or base feed
- ✓ Chlorine sensor to control sanitiser level in ppm or mg/ per litre
- ✓ DO measurement in ppm or mg/ per litre
- ✓ Optional TDS control with with temp. monitoring
- ✓ 2 water-meter input connections using 4-20mA signal
- ✓ 2 programmable relay channels for customizing additional equipment
- ✓ Optional 4-20mA output, Modbus, and BACnet protocols for seamless integration with BMS and SCADA systems
- ✓ Langelier Saturation Index for water balance
- ✓ 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
- ✓ Clear acrylic flow cell designed for precise water flow control with chlorine (ppm) sensor
- ✓ Flow adjustment valves & flow indicators
- ✓ Sensors holder fitting
- ✓ 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