CHEMTROL® PC7100 Programmable Controller

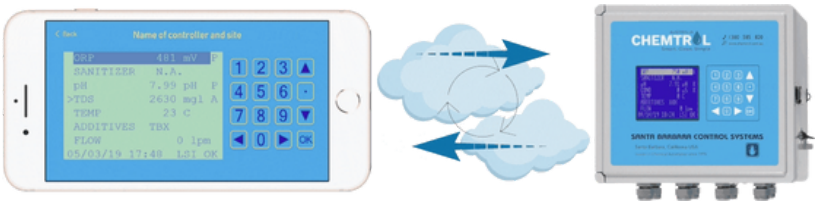
Dual ppm control with UV

Designed for indoor pools and spas

The PC7100 programmable controller, designed for Australian conditions, is equipped with 12 relay output channels for controlling pool plant room equipment. It includes pH and sanitizer control, Free and Total chlorine (PPM) sensors, ORP for sanitizer reference, oxidizer control backup, TDS, and temperature measurements.

The PC7100 programmable controller offers several standard functions in addition to water chemistry control. These include UV chloramine control, main recirculation pump programs, automatic backwash control, programmable super chlorination, water meter input, water makeup level control, heating control, and the Langelier Saturation Index (LSI) 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 center, water park, or industrial water treatment facility, chemical automation is the easiest and most efficient way to ensure proper water quality. Thanks to the advanced microprocessor technology of the Chemtrol® PC series, you have access to a new standard of sophistication in automated control of sanitizers, oxidizers, and pH. The Chemtrol® PC controller has also been designed to be user-friendly, reliable, and easy to install. Additionally, it comes with an industry-leading five-year electronics warranty.

Standard Features

- √ pH control with a choice of acid, co2 or base feed
- √ Free available chlorine to control sanitiser level in ppm or mg/ per litre
- √ Primary and secondary sanitiser setpoints with dedicated relay outputs
- √ ORP monitoring for sanitizer reference and oxidizer control backup
- √ Dissolved solids (TDS) concentration control
- √ Heating control | Remote alarm
- √ Programmable super chlorination
- √ Water makeup level control
- √ Langelier Saturation Index for water balance

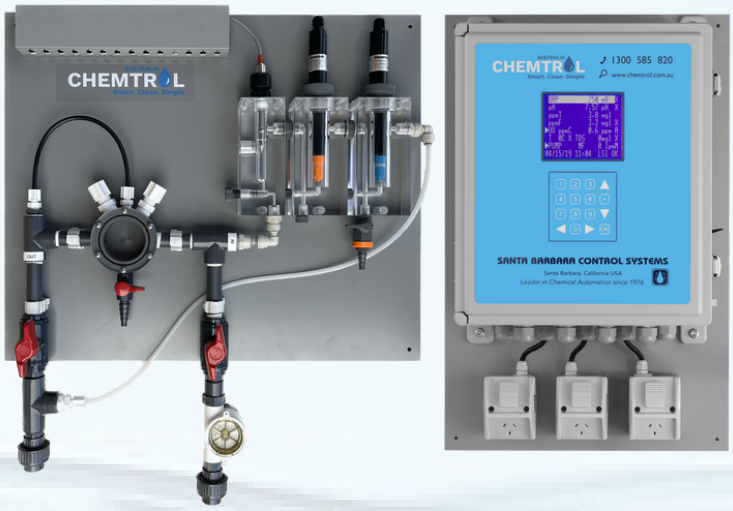
AUSTRALIA CHEMTROL Smart. Clean. Simple

1300 585 820
sales@chemtrol.com.au

CHEMTROL® PC7100 Programmable Controller

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® Flow Cell Assembly (FCA)
√ Paddle Wheel Safety Flow Switch
√ Clear acrylic flow cells designed to regulate water flow for 2 chlorine ppm sensors, equipped with flow adjustment valves and an indicator
√ Sensors holder fittings and water sampling valve
√ Slotted cable ducting for a clean and neat installation

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.

BUILDING MANAGEMENT SYSTEM

BACnet Modbus

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