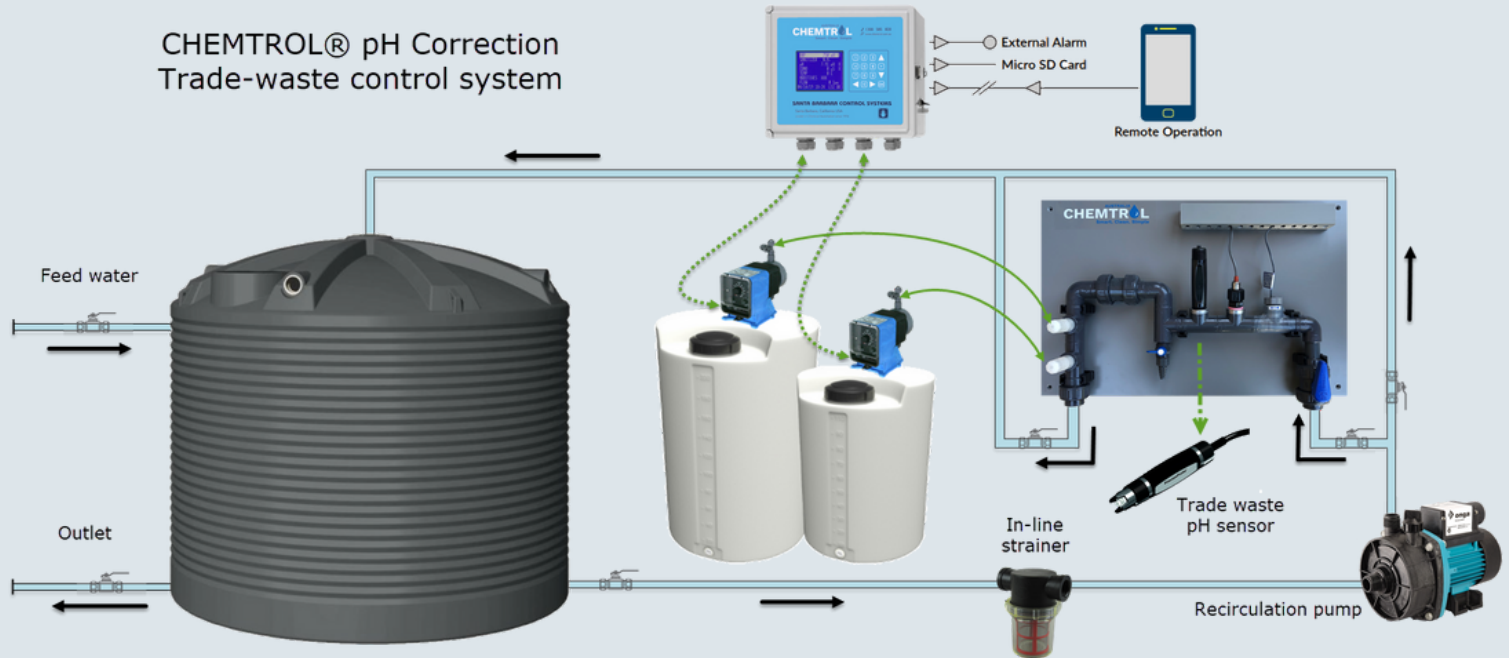CHEMTROL® pH Correction Trade-waste control system

# CHEMTROL® PC110pH Programmable Controller

Designed for trade-waste applications

The PC110pH programmable controller is specifically crafted for trade-waste applications, with a focus on pH correction. It incorporates six relay output channels capable of managing 1 to 3 tanks, ensuring automatic acid and base feed. Equipped with high-quality pH ProcessProbes made from corrosion-resistant materials, the controller is suitable for both in-line and rugged environments, where submersion is a factor.

The user-friendly 8-line LCD display is large and intuitive, allowing you to oversee all process functions at a glance. This feature facilitates quick responses to changes in conditions, ensuring the efficient management of your system.

Mirror the controller screen on your device
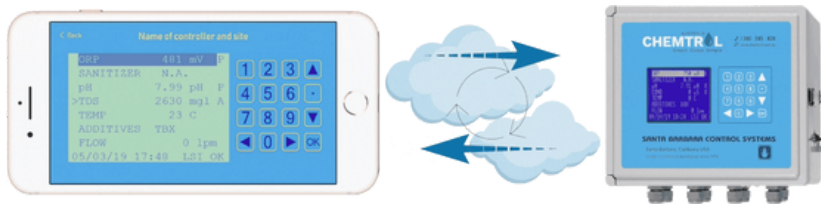
Use our app to operate the controller
Anytime, Anywhere

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

√ Control 1 to 3 tanks with automatic acid and base feed

√ High-quality pH ProcessProbe suitable for inline or submersible environments

√ Extension cable length available upon request

√ Large 8-line LCD display enables quick response to any change in condition

√ Langelier Saturation Index for water balance

√ Optional 4-20mA output, Modbus, and BACnet protocols for seamless integration with BMS and SCADA systems

√ By-pass line assembly with safety flow switch

√ Remote alarm

CHEMTROL AUSTRALIA
Smart. Clean. Simple

1300 585 820
sales@chemtrol.com.au

CHEMTROL® PC110pH 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® uPVC by-pass line assembly
√ Safety Flow Switch
√ Flow adjustment valve
√ ProcessProbe holder fitting
√ Non-return valve with 2 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.

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