CHEMTROL® PC110c Programmable Controller

Designed for water park applications

The CHEMTROL® PC110c controller is a fully programmable controller that offers automatic control of water chemistry. Advanced microprocessor-based technology that introduces a new standard of sophistication in automated water treatment.

Designed to control pH and ppm, chlorine or bromine sensors with direct reading in ppm or mg/l, plus water saturation, water balance, as well as display of the Langelier Saturation Index (LSI). The user-friendly main screen display enables the operator to supervise all the process functions at a glance and to quickly respond to any changing condition.

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**
40+ years of research and development behind our product range

💧 **SUSTAINABILITY**
Chemical & Energy saving programs designed to reduce operating cost

💧 **PEACE OF MIND**
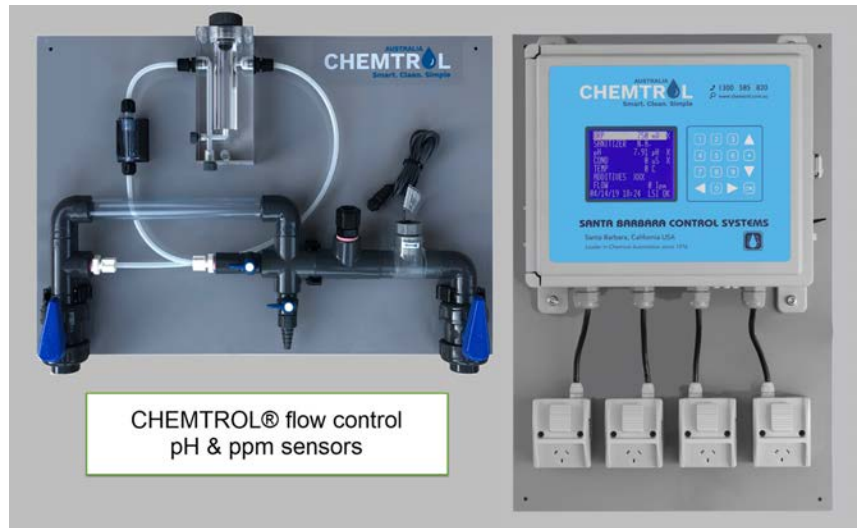Consistent disinfection under varying conditions and regulations

Key Features

√ pH control with a choice of acid or base feed

√ Chlorine or Bromine control (ppm)

√ Sensors with direct reading in ppm or mg/l

√ By-pass line assembly with safety flow switch

√ Langelier saturation index (LSI)

√ On-board data logging with adjustable intervals

√ Choice of 1, 2 or 3 point calibration

√ OPTION: ORP Monitoring with Oxidizer Control

√ OPTION: TDS control with temperature monitoring

1300 585 820

Hassle free installation

We want to make the installation of CHEMTROL® controllers as simple as possible. This is why we have everything mounted onto a customised manifold ready for connection.

- Bypass line / uPVC piping assembly
- Blade style safety flow switch
- 12 mm glass pH probe holder
- Designated clear flow cell for ppm sensor
- Flow adjustment valve & flow indicator
- Water sampling valve

CHEMTROL® flow control
pH & ppm sensors

Remote monitoring with CHEMTROL® mobile app

We know that you need to control and monitor your facility 24/7, which is why our range of programmable controllers all have remote access capability. With the remote operation function any number of facilities can be controlled and monitored from your computer or via mobile app.

Smart web-server technology offers true duplex operation with identical screens on both the controller and your PC or any mobile device.

This is particularly useful for remote monitoring, operator training and troubleshooting, as well as real-time control of all operating functions including status reports, trend graphs and automatic alerts by email or text messages.

The CHEMTROL® advantage

√ Our waterproof cabinet have all your communication requirements in one box

- Remote monitoring and control with our cloud base web-server via Ethernet port or WIFI interface
- True duplex operation technology that mirrors the controller display on your PC/ or any mobile device
- Wireless control using a router
- 4-20mA signal for monitoring display outputs
- Building Management System (BMS) Communications

  - √ **Modbus IP**
  - √ **Modbus RTU**
  - √ **BACnet IP**
  - √ **BACnet MSTP**
  - √ **and LonWorks**

SANTA BARBARA CONTROL SYSTEMS

Santa Barbara, California USA

Leader in Chemical Automation since 1976