



# CHEMTROL® BT110/112 Programmable Controller

## Designed for blowdown control applications

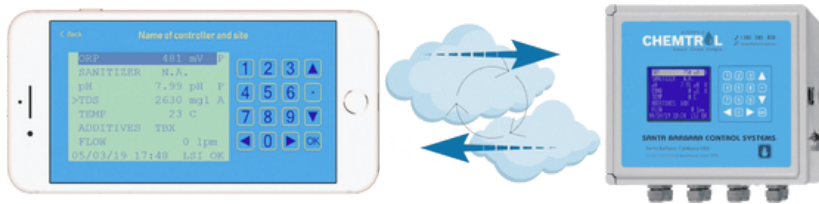
Introducing the BT110/112 programmable controller, meticulously designed for industrial boiler systems. This fully programmable controller, featuring six relay output channels, automates blowdown control in conjunction with chemical additive feed programs like inhibitors, biocides, and dispersants.

Easy to install and operate, the BT controller efficiently manages dissolved solids/conductivity in both single (BT110) and dual (BT112) boiler setups. Its programmable water sampling intervals ensure optimal maintenance for small and medium-sized boilers, preventing significant efficiency loss.

The controller's user-friendly 8-line LCD display allows for comprehensive supervision of all process functions at a glance, empowering you to quickly respond to changes in conditions.



## Mirror the controller screen on your device



Use our app to operate the controller  
Anytime, Anywhere

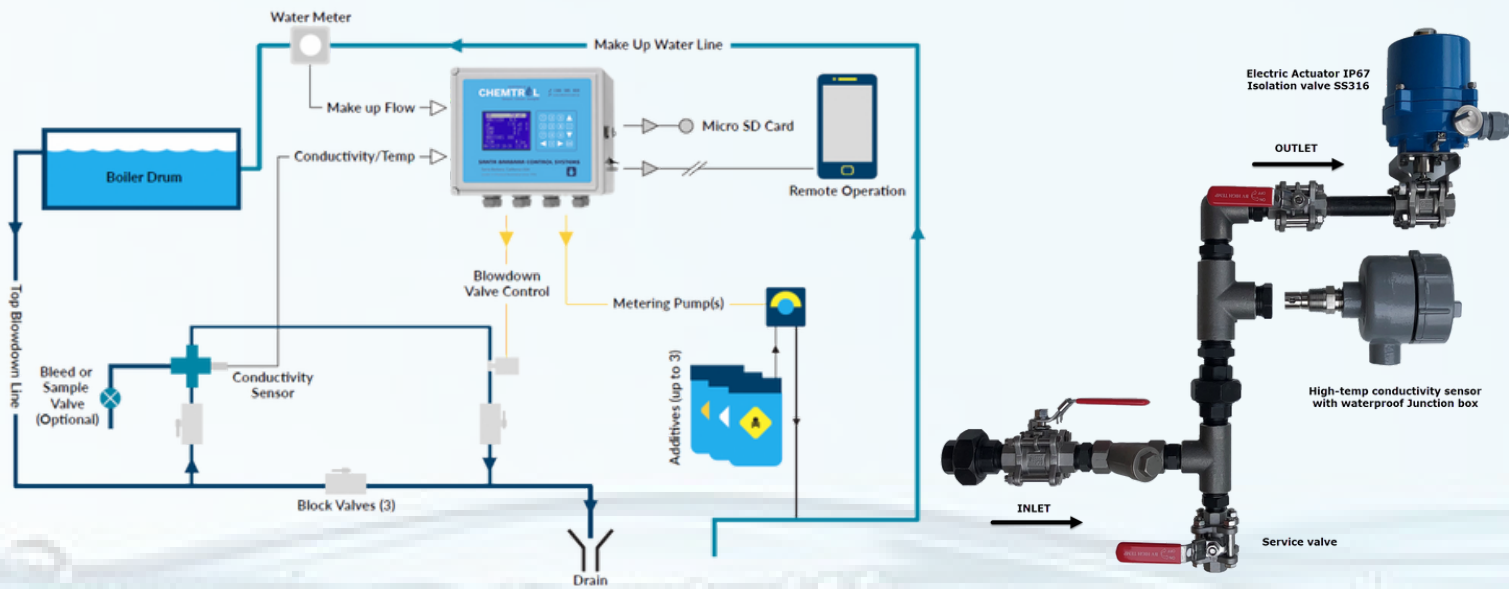
## Simple, Reliable and Flexible

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® BT controller advanced microprocessor technology you have access to a new standard of sophistication in automated control of sanitizers, oxidizers, and pH. The Chemtrol® BT 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

- ✓ Automatic blowdown control with programmable intervals for single and dual boilers
- ✓ Sensor materials: SS 316 electrode and Teflon; pressure range up to 250 psi at 205°C
- ✓ Temperature compensation and display
- ✓ Three additives chemical feed programs
- ✓ 2 water-meter input connections using pulse or 4-20mA signal
- ✓ Automatic Data Logging, graph display, and alerts by email and text messages
- ✓ Optional 4-20mA output, Modbus, and BACnet protocols for seamless integration with BMS and SCADA systems
- ✓ Remote alarm

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## 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