

CHEMTROL® CT110 COOLING TOWER PROGRAMMABLE CONTROLLER

6 RELAY OUTPUT CONTROL SYSTEM WITH UP TO 3 CHEMICAL FEED PROGRAMS

Description	Conductivity control	ORP control via chlorine pump	ORP control via bromine feeder	pH control ORP control via chlorine pump	pH control ORP control via bromine feeder	pH control PPM control via chlorine pump	pH control PPM control via bromine feeder	pH control ORP monitoring PPM control via chlorine pump	pH control ORP monitoring PPM control via bromine feeder
Conductivity control	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temperature monitoring & Display	✓	✓	✓	✓	✓	✓	✓	✓	✓
Makeup/Bleed	✓	✓	✓	✓	✓	✓	✓	✓	✓
ORP control		✓	✓	✓	✓			✓	✓
pH control				✓	✓	✓	✓	✓	✓
PPM control						✓	✓	✓	✓
AQUA Dosing pumps 1 to 6 LPH	2	3	2	4	3	4	3	4	3
Complete plumbing manifold ready for connection. Bleed uPVC valve included	✓	✓	✓	✓	✓	✓	✓	✓	✓
In-line strainer, heavy duty 20 mesh	✓	✓	✓	✓	✓	✓	✓	✓	✓
PVC Bromine feeder 8" body			✓		✓		✓		✓
22, 32 or 42 litre available									
Extra uPVC valve for Bromine feeder			✓		✓		✓		✓
Remote monitoring with CHEMTROL® Web-server communication	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT

CHEMTROL® exclusive product range



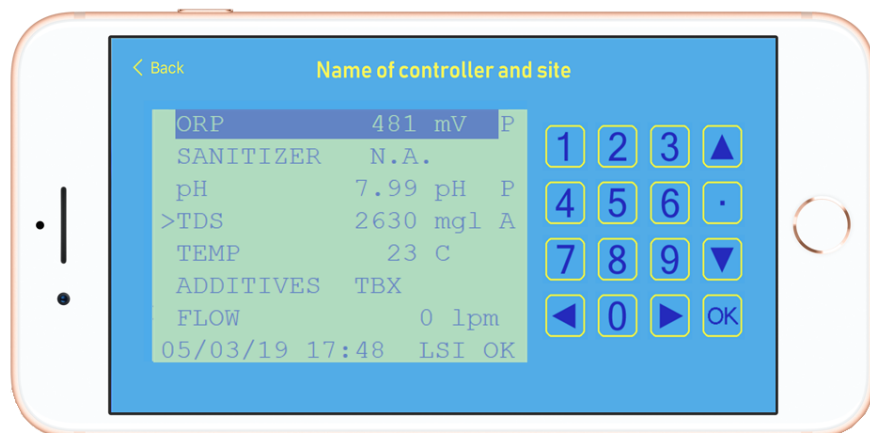
Technical highlights of our programmable controller range

- ✓ **Complete chemical automation** system for Conductivity/TDS, ORP, pH and Chlorine residual level (PPM) with industrial strength **waterproof cabinet**
- ✓ Solid state chlorine sensors (ppm) feature superior precision and control of free bromine & total chlorine levels, with **industry-leading reliability and low maintenance requirements**
- ✓ Up to **3 chemical feed programs** for inhibitors, biocides, dispersants, etc. Programs include Automatic bleed than feed, Cycle timer, Percent of Flow, Daily schedule, 2-week schedule.
- ✓ Probe Failure Analysis - **A Dynamic Warning System** instantly alerts you in case of ORP or pH probe failure (Proprietary technology, US Patent No. 6,657,546).
- ✓ **Remote monitoring and control and automatic data logging** with our smart web-server offers true duplex operation with identical duplicate screens on both the controller and the computer/ mobile app.
- ✓ **Langelier Saturation Index (LSI)** module provides auto alerts of scaling and corrosion conditions
- ✓ For commercial and Industrial facilities automated CHEMTROL® controllers give peace of mind that all mandatory public health obligations will be met with **consistent disinfection under varying conditions**
- ✓ A generous, industry-leading **5-year electronics warranty** on the controller



Experience the CHEMTROL® difference

- ✓ **Quality** - Proven reliability and performance with 5-year electronics warranty
- ✓ **Connectivity** - Remote monitoring and control with true duplex operation technology
- ✓ **Experience** - 40+ years of research and development behind our product range
- ✓ **Sustainability** - Chemical and Energy Saving Programs designed to reduce operating cost
- ✓ **Peace of Mind** - Consistent disinfection under varying conditions and regulations



Remote Monitoring with CHEMTROL® 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, available for Android and Apple devices. This software also offers true duplex operation with identical screens on both the controller and your computer or 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 and automatic alerts by email or text messages. This also allows real-time supervision and remote troubleshooting by any CHEMTROL® qualified/authorised representative.