AUSTRALIA CHEMTROL Smart. Clean. Simple

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
Conductivity control	√	√	√	√	√	√	√	√
Temperature compensation/ Display	√	√	√	√	√	√	√	√
Makeup/Bleed	√	√	√	√	√	√	√	√
ORP control		√	√	√	√			√
pH control				√	√	√	√	√
PPM control						√	√	√
AQUA Dosing pumps: 1/lh @ 3 bar	2	3	2	4	3	4	3	4
Complete plumbing manifold Ready for connection *per model	√	√	√	√	√	√	√	√
In-line strainer, heavy duty 20 mesh	√	√	√	√	√	√	√	√
PVC Bromine feeder 22 or 32 Litre			√		√		√	
Extra solenoid valve for Bromine feeder			√		√		√	
Remote monitoring with CHEMTROL® Web-server communication	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT

Included with our programmable controllers;

- ✓ Industrial strength waterproof cabinet
- ✓ 5-YEAR electronics warranty on the controller
- ✓ Langelier Saturation Index (LSI)
- ✓ Automatic data logging
- ✓ Up to 3 chemical feed programs: Inhibitors, biocides etc.
- ✓ Feed modes: manual, Cycle timer, automatic bleed-n-feed, bleed than feed, daily schedule, 2-week schedule.
- ✓ Alarms: Audio,External, out of range, runtime and overfeed
- ✓ Accumulative run-time projects the next chemical shipment
- ✓ pH/ORP Dynamic Probe Failure Analisys (Proprietary technology, US Patent No. 6,657,546)

Wired and wireless access;

You can access your CHEMTROL® controller using a wired connection via an Ethernet cable connected to your local network, or with a wireless connection via a compatible 3G/4G router with an Ethernet cable.

CHEMTROL® CT110 COOLING TOWER PROGRAMMABLE CONTROLLER

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

The CHEMTROL® cooling tower manifold is assembled on 2x 600×400 mm grey PVC sheet, 10 mm thickness:

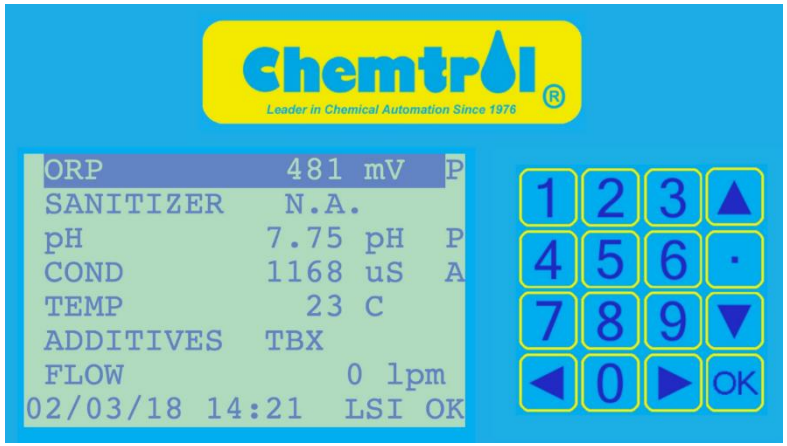
1. CHEMTROL® control system with 2-4 dosing pumps.
2. Customised assembly manifold ready for connection.

Plumbing instruments assembly:

- ✓ pH and/or ORP probes fittings
- ✓ PVC Ball valve
- ✓ Blade style safety flow switch
- ✓ Water sampling valve
- ✓ PVC Spring check valve
- ✓ Brass solenoid Bleed valve (UPVC available upon request)
- ✓ Up to 4 chemicals injection points
- ✓ Barrel unions for smooth integration
- ✓ Required piping connection parts

Remote Monitoring with CHEMTROL® app;

Our range of programmable controllers all have remote access capability, so you can control and monitor your facility 24/7. With the remote operation function any number of facilities can be controlled and monitored from a computer or via our App, available for Android and Apple devices. CHEMTROL® Web-server communication offers a true duplex operation with identical duplicate screens on both the controller and the computer. This means that every event on the controller or action on the remote computer is immediately reproduced on the other screen. This unique feature 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.



www.chemtrol.com.au