

ULTIMA

Cooling Tower



The **ULTIMA Cooling Tower Dosing Control System** is professionally designed to deliver appropriate solutions to all operational challenges of cooling towers including corrosion, scale and microbial growth. Comprehensive functions and user-friendly navigation allows for ultimate control of your treatment program.



ULTIMA Cooling Tower Dosing Control System



ULTIMA sets a new standard in monitoring and control of cooling tower dosing systems through an extensive range of standard and backup functions, flexible input/output choices and accessory timers. Adjustable safety limit feature cleverly allows water and chemical saving whilst protecting your system against overdosing.

Specifications

- 7" touch screen operation
- User friendly navigation
- Flexible in using third party sensors
- USB port to download data or upload settings
- Historical trend graphs on screen
- Adjustable Safety limits
- Multiple language support
- Simple setup and quick installation
- Minimised electrical risks
- Simple calibrations using "Quick" and "Precise" options
- Integrated communications and data handling features
- Multiple timer options
- Interlockable accessory timer functions
- Dynamic and upgradable to more advanced models
- Extensive communication choice (2G/3G/4G Modems, Wi-Fi, Ethernet)
- Multilayer password protection
- Water Meter Inputs
- BMS communications through 4-20mA outputs and Modbus
- Low level tank alarms / Tank level indicators

Models Available

- **ULTIMA:** Standard cooling tower dosing control system
- **UCT:** Advanced Cooling tower dosing control system

Standard Functions

- Conductivity/TDS
- ORP
- Inhibitor feed
- Single and dual pH
- Dispersant
- Biocide timers
- ORP B - Backup ORP
- PH B – Backup pH

Advanced Functions for UCT

- All standard functions
- Conductivity B – Backup
- Multiple outputs for each function
- Third party flow switch
- Tank level sensors
- Direct communication with BCMS for:
 - ✓ Individual output on/off status
 - ✓ Individual alarms on/off status
 - ✓ Low level tank alarms
- 6 x 4-20mA input ports for external sensors such as:
 - ✓ Inhibitor monitoring using fluorometer sensors
 - ✓ Corrosion sensors
 - ✓ Turbidity, Dissolved Oxygen and more ...