

# Cooling Water Control & Dosing

## *Multi-Parameter Controller with Internet Access*



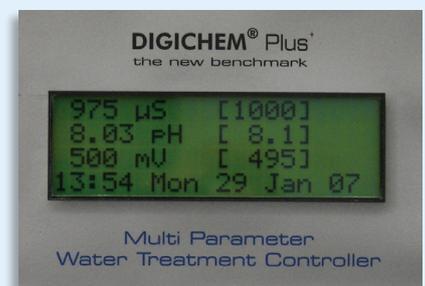
*With simultaneous measurement and control of temperature compensated Conductivity/TDS, pH & ORP in one single IP65 enclosure, DIGICHEM® Plus<sup>+</sup> gives you Total Control of your cooling water treatment programs.*

*Internet based connectivity is available as an option, making the DIGICHEM® Plus<sup>+</sup> the most versatile controller on the market.*

## **DIGICHEM® Plus<sup>+</sup>** the new benchmark

### **DIGICHEM® Plus<sup>+</sup> Key Features**

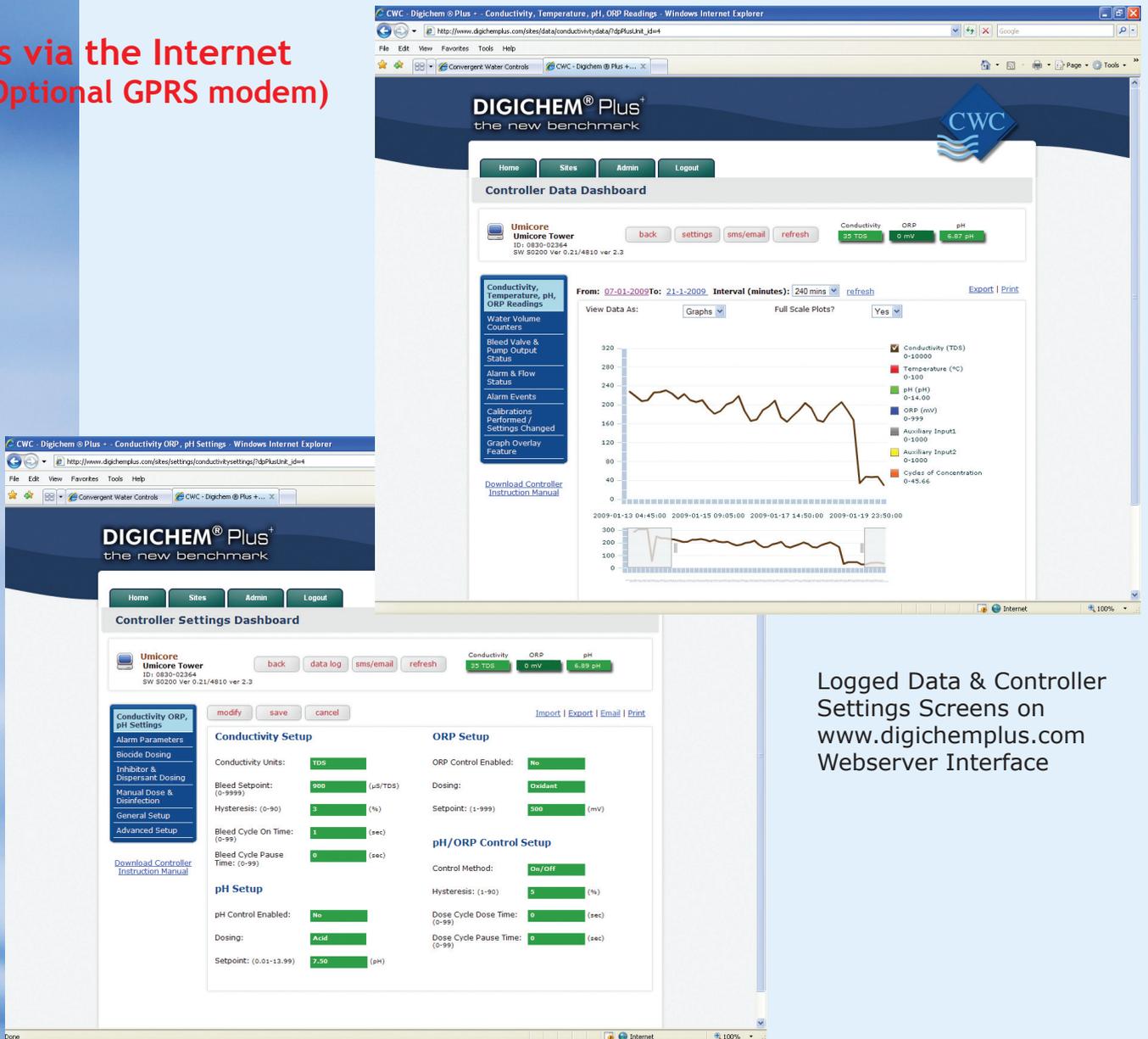
- Monitoring, Control & Data Logging of Conductivity/TDS, pH & ORP
- Continuous readout of Conductivity, Temp, pH & ORP with each setpoint on backlit LCD
- Inhibitor, Non-oxidising biocides, Dispersant, pH & ORP pump outputs
- pH/ORP pumps controlled proportionally by automatically varying the ON/OFF duty cycle of the pump depending on how far the measured pH/ORP is from setpoint
- 28 day timers for disabling pH/ORP outputs if 24/7 control is not desired
- 28 day Biocide Dosing programs (max 70 per week)
- Pre-Bleed & Bleed Lock-Out Conductivity setpoints independently programmable
- Disinfection feature to allow ORP control to a temporary high setpoint
- Inhibitor modes: On bleed, After bleed, 24/7 cycle, Proportional to make-up, Proportional to bleed
- Ability to log cooling tower make-up & bleed water volumes, plus cycles of concentration
- 'No flow' indication on backlit LCD
- Calibration of all variables via the menu (Auto-buffer detect for pH)
- High/Low Conductivity, pH, ORP, Flow, Timer & Power Loss alarms
- Programmable trip delay on alarms
- Can be reset to factory default settings
- Up, Down, Enter & Back pushbuttons
- One button to view all programmed settings
- Manual slug dose feature on all pumps
- Password protection



### **DIGICHEM® Plus<sup>+</sup> Optional Features**

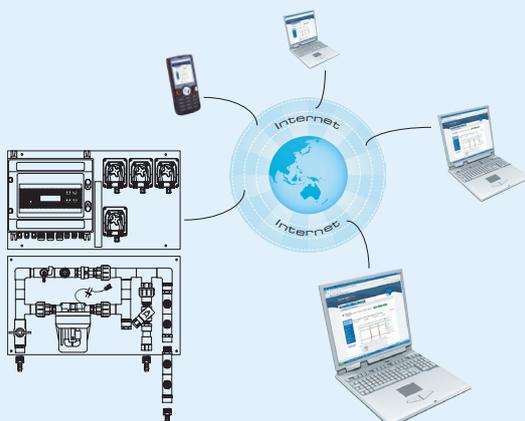
- Individual Low-level chemical tank switch inputs (6 max)
- Ability to accept two 4-20mA input signals from third-party devices (e.g. On-line corrosion monitoring device/s) and to log the variable/s
- Isolated 4-20mA outputs for Conductivity, Temperature, pH & ORP plus logic signals for status of Power, Alarm, Flow, Bleed & Pump Control Outputs

Access via the Internet  
(with Optional GPRS modem)



Logged Data & Controller Settings Screens on [www.digichemplus.com](http://www.digichemplus.com) Webserver Interface

- With your own password, access your **DIGICHEM® Plus<sup>+</sup>** controller at [www.digichemplus.com](http://www.digichemplus.com) in any Web Browser (Internet Explorer recommended)
- Multi-level password protection
- Download the logged Conductivity/TDS, Temperature, pH & ORP variables remotely
- Change any controller settings & perform system disinfections remotely
- e-mail/SMS alarm events (e.g. High ORP, Low Tank Levels) to multiple recipients
- Be alerted by e-mail/SMS in the event of the **DIGICHEM® Plus<sup>+</sup>** losing power supply or losing connection to the webserver



Sales Freecall: **1800 137 954**

**Convergent  
Water  
Controls**

