



Convergent Water Controls





Convergent Water Controls Pty Ltd (CWC) is a leading supplier of dosing packages, metering pumps, sensors, electronic controllers and remote monitoring equipment to the Australian water treatment industry. Established in 1996, we have grown substantially and now have a major presence in the commercial and industrial cooling water markets. Our equipment solutions are used extensively across Australia and throughout the Asia-Pacific region. At CWC we strive to offer:

- ◆ An extensive, high quality & reliable product range
- ◆ Solution focused equipment recommendations
- ◆ Pre & post sale technical support
- ◆ First class promotional & technical literature, including CAD drawings

cwc.com.au



Convergent Water Controls is the Exclusive Australian Distributor for the following manufacturers:



EMEC s.r.l is an Italian manufacturer of Dosing pumps, Controllers & Accessories. Established for over thirty years, EMEC is well respected in Europe and around the world with extensive experience in providing water treatment solutions.

emec.it



ARGAL s.r.l is an Italian manufacturer of Chemical Transfer Pumps. Established for over thirty years, ARGAL offer a large range to cover most industrial applications.

argal.it



Wedgewood Analytical Inc. (now incorporated within Endress+Hauser Conducta Inc.) located in Anaheim CA USA, was formed in 2004 from the merger of two companies: Wedgewood Technology, est 1982 and Innovative Sensors (ISI), est 1974. CWC represents the electrochemical group of products encompassing sensors and electrodes to measure and control pH, ORP, Conductivity, Dissolved Oxygen, Chlorine and Turbidity.

analysis-oem.com



We are perhaps most well known for our **DIGICHEM®** range of cooling tower dosing packages. The **DIGICHEM®** range is unique to Convergent Water Controls and continues to offer exceptional functionality and performance to our customer base.

DIGICHEM® Plus⁺
the new benchmark
digichemplus.com

DIGICHEM®
the industry standard
cwc.com.au

COOLING WATER CONTROL & DOSING SYSTEMS



Systems to Monitor & Control

- Conductivity, pH & ORP
- Dosing of corrosion inhibitors, secondary biocide & dispersants
- ORP Control (liquid or tablet)
- Corrosion Rates

Available Configurations

- Peristaltic or diaphragm pumps
- Standard systems or customised
- Mounting in hinged enclosures
- Wall or skid mounted

Full Remote Control Option with Data logging
via the Internet at: www.digichemplus.com

DIGICHEM®
the industry standard

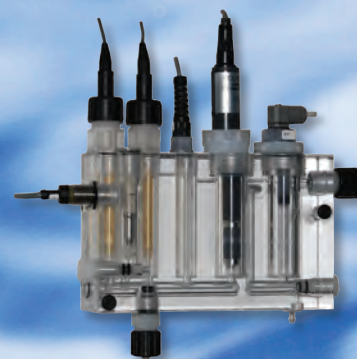
MEASUREMENT & CONTROL

Parameters

- Conductivity
- pH & ORP
- Free & Total Chlorine
- Chlorine Dioxide
- Ozone & Dissolved Oxygen
- Turbidity

Technology

- 1, 2 or 5 Channel in one instrument
- ON/OFF, P, PI or PID control
- Alarms, data logging, 4-20mA outputs
- DIN rail, panel mount or IP65 field mountable
- Remote Monitoring capability with email / SMS alarm messaging (GSM / LAN / MODBUS)



EMEC LOTUS CHLORINE DIOXIDE GENERATORS



DIGICHEM® Plus⁺
the new benchmark



CHEMICAL DOSING PUMPS

SEKO Peristaltic Pumps

- Fixed & variable speed
- Single/Dual channel timer versions

STENNER High Pressure Peristaltic Pumps

- Continuously rated fixed & variable speed
- Up to 5 l/hr at 6.9 bar

EMEC Solenoid & Motor Driven Metering Pumps

- Wall & Foot Mount
- Flow monitoring with alarms
- Manual, pulse or mA speed control
- De-gassing heads for Sodium Hypochlorite (Chlorine)
- Multi-function back-pressure & relief valves
- Wetted Materials: PP, PVDF, SS, Teflon®, Viton®, EPDM
- Metric or Imperial connections



ARGAL CHEMICAL TRANSFER PUMPS

AODD (Air Operated Double Diaphragm)

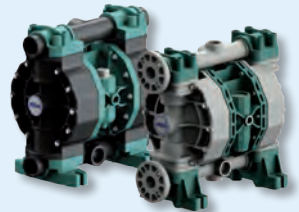
- Runs on Compressed Air
- Self Priming
- Can run dry without damage

Magnetically Driven (Mag Drive)

- Exceptional Chemical Resistance
- No Mechanical Seal

Vertical Centrifugal

- Chemical Sump Pump
- Pumps corrosive chemicals



TRADE WASTE WATER MONITORING & TREATMENT

- Dual pH Control
- Flow Rate
- Water Volume
- Inductive Conductivity
- Temperature
- Batching
- Data Logging
- Tanks & Pits
- Turnkey Solutions

BOILER WATER CONTROL & DOSING SYSTEMS

Chemical Dosing

- Wall or foot mount solenoid driven dosing pumps
- Multiple pumps flow paced off one water meter

Boiler Blow-down Controllers

- Timed or via conductivity measurement (up to 10 bar)

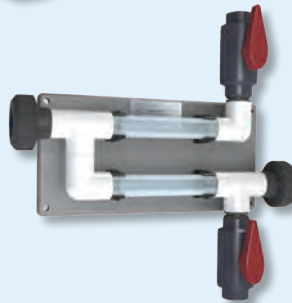
Condensate Monitoring Systems

- Conductivity controllers with high temperature/pressure probes (0-200µs/cm)



ACCESSORIES

- Corrosion Coupon Racks
- In-line Strainers
- Water Meters – Multi-jet, Irrigation, Woltman
- Mag flow meters
- Suction & Injection lances
- Rotameters
- Hand-held & Pocket TDS, EC, pH, ORP, CL2, CLO2 & DO meters
- Chemical mixing chambers
- Calibration columns
- Static Mixers
- Solenoid valves
- Circulation pumps
- Brominators
- Pipe & tube fittings



SWIMMING POOL DOSING SYSTEMS

- pH and/or ORP Control
- pH compensated free chlorine control
- Dosing pumps with integrated proportional pH and/or ORP control
- Flow-cells for pH, ORP & Chlorine electrodes
- Acid & Chlorine dosing pumps
- Chlorine pumps with de-gassing heads





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CUSTOMISED SYSTEMS



cwc.com.au

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Industries where our products are extensively used

- cooling towers
- swimming pools
- laboratories
- agriculture
- potable water
- food & beverage
- process industries
- pulp & paper
- waste water
- boilers
- power generation
- pharmaceutical

