



Complete Pool Controls

# Pool Supervision Chemical Controller

for pools and spas



**The Pool Supervision range of controllers use intelligent processing and exact metering to provide precise measurement and control.**

### The Pool Supervision Amperometric Free Chlorine & pH Controller

- Suitable for all types of pool and spa.
- Large alphanumeric text display indicates all measurements, date, time and dosing status.
- Accurate amperometric free chlorine measurement.
- Simple to use and operate.
- Safety features include; flow cut out switch, hi/low alarms, dosing cut out time control, visual indication of alarms, passcode entry restrictions.
- Modular design all control functions on separate circuits.
- All components board mounted on a plastic mounting plate.

### Models Available

- CP100 Free Chlorine & pH.
- CP200 Free Chlorine & pH & Temperature.
- CP300 Redox & pH.

### Suitable for most chemicals such as:

- Sodium Hypochlorite.
- Calcium Hypochlorite.
- Bromine Tablets.
- Chlorine Tablets.
- Sodium Bisulphate (Dry Acid).
- CO<sub>2</sub> Gas.
- Sodium Carbonate.

The Pool Supervision unit measures and controls free chlorine and pH levels.

A controlled clean flow of water is passed across the pH sensor and on to an amperometric chlorine measuring cell.

### Chlorine Measurement

Amperometric principle is the term given to the method of measurement of free chlorine levels in swimming pools.

Copper and platinum electrodes are housed in an open cell with a constant flow of pool water passing through acting as an electrolyte.

A galvanic potential (chemical action) develops between the two electrodes producing a small electrical current which is directly proportional to the level of free chlorine.

### Features

- High & Low level thresholds.
- Current dose output is displayed as a percentage, this guarantees exact dosing control.
- In line strainer.
- Safety cut-out flow switch.
- Accurate flow control meter.
- General alarm contact.
- Communication link software package available for total system control.
- Building management system (BMS) compatible.
- pH control on both ways (if required).

### Benefits

- Easy to use, the menu is easily navigated and operated with just 5 keys.
- In order to protect the system from unauthorised operation, the menus are password protected.
- Manufactured to the highest standard and exemplary quality for all components to ensure long service life.
- Proportional control outputs with PID functionality.

### Technical Data

<b>Power Supply:</b>	230v / 40 – 60 Hz/40VA
<b>Unit Housing:</b>	IP65 Protection Type
<b>Backboard Dimensions:</b>	490 x 690mm
<b>Electrodes:</b>	Chlorine 0 – 10ppm
	pH 0 – 9.99
	Redox 0 – 999mV

# Pool Supervision Controller



Fully compatible with most devices, such as:



Unodos peristaltic pumps

Tacmina pumps

Spa feeders

Granudos feeder

Stenner peristaltic pumps

LMI solenoid pumps



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