

CM55 Chlorine & pH Controller



This system can be custom designed for any size pool, spa, leisure centre or industrial water treatment plant.

- Let your pool tell you when there is something wrong.
- Extend the life of your mechanical equipment.
- Provide automatic control of your pool or spa chemistry.

Standard Features

- Senses and constantly displays ORP and pH.
- Microprocessor controlled.
- Single Multi-Electrode for pH and ORP.
- Audio and visual alarm system.
- Built-in battery back-up to store information.
- Security-coded menu-system.
- Built-in digital clock with battery back-up.

Options

- Computer link RS 485 to work with Windows.
- CO₂, acid or alkali control for pH.
- Modems available for land line telephone or mobile phone.
- Various delivery systems available:- Valves, peristaltic pumps and diaphragm pumps.
- Control of chlorine gas.
- Temperature monitoring.
- Current loop 4-20mA.

Outputs

Independently timed
1 x pump 7.5A / 240v
2 x auxiliary 3A / 240v

ORP feed control -
12V DC / 500MA solid state

pH feed control -
12V DC / 500MA solid state

Power supply
240V 50Hz

Standard Operating Range

pH: 4 - 10.0 pH units
ORP: 0 - 1000mV

Optional Computer Interface

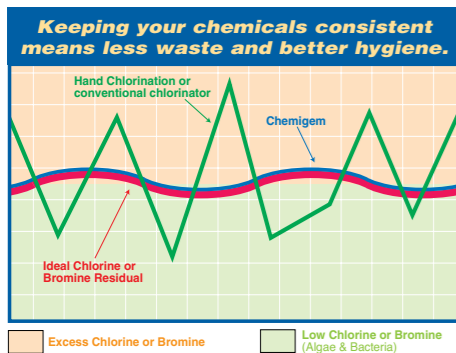
RS485 FIELD BUS NETWORK -

Provides CM55 with direct connection to PC and other devices like printer, remote control panel and output modules (eg: 4-20mA). This network connection uses "MODBUS" protocol for communication and can be used for interfacing CM55 to PLC's, BMS etc...

This network connection can also be used to connect more than one CM55 or CM100 controller to directly control and monitor their operation through PC (up to 32 devices can be connected in this array).

RS232 MODEM CONNECTION -

Provides connection for standard computer modem to communicate with CM55 through telephone network. CM55 can call remote computer (if in alarm mode) to leave message.



pool CONTROLS

CHEMIGEM[®]
CM55

Automatic
pH and Chlorine
Controller



All you need to help maintain
clear, healthy water... *Automatically*

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