PCSCL1-HC1 Chlorine Dosing System

With Free Chlorine Analyser & Dosing Pump

DOSING SYSTEMS

The AQUA Chlorine Dosing System is a fully engineered measurement and dosing control package for the chlorination of water in the range of 0 to 10ppm. The system uses the proven amperometric principle for measurement of free chlorine.

The AW-96 controller and the A-CG5 cell with integral flow regulator and sensor combine to provide a safe dosing system that is easy to operate and maintain.

- Amperometric cell with integral flow control.
- Option for pH Measurement and Control.
- Option for auto de-gassing pump head.
- Option for 2nd pump for duty/stand-by operation.
- Dosing rates from 0.1 l/hr to 6 l/hr.
- Pressures: 2 Bar (std), up to 10 Bar (Option).
- IP-65 Protection.
- Dosing interlock on loss of water flow.
- Includes pump accessories and mounting kit.
- Self Cleaning Cell with glass balls.
- Simple automated calibration routine.
- Integral flow regulation.
- Isolated 4-20mA output for recording.
- PP pump head with option for PVC.

Specifications:

Measurement:	Amperometric (A-CG5)
Electrodes:	Platinum/Copper.
Range:	0-10 ppm
Display:	4 Digit LCD
Outputs:	2x 4-20mA
	3x Relay (5A, 250 Vac)
Power Supply:	240 Vac, 50 Hz
Dose Rate:	refer to pump data
Filter:	80 Micron.
Water Flow Rate:	40-50 l/hr
Connections:	½"BSP-F & 10x14Tube
Control Method:	Proportional or On/Off.
Temperature:	5-60°C
Pressure:	5 Bar max

Dose Rates:

HC-100 Series:	up to 6 l/hr liquid chlorine.
HC-300 Series:	up to 30 l/hr liquid chlorine.

Options:

Proportional Dosing
Electrolytic Cell Sensor
Self Cleaning Filter

Typical Installation

A-CG5
Amperometric Cell

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