



CHEMICAL SUPPORT SYSTEMS

DESIGN / ENGINEER / MANUFACTURE / INSTALL

Water Quality Analyser

Our range of analysers have been design to give water treatment engineers everything they need from a controller.

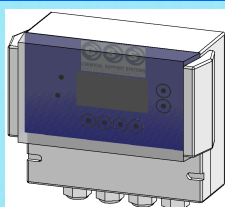
The controller can be equipped with up to three sensors of any type, analogue and relay outputs, PID control and is capable of complex water treatment processes.

Typical Sensors used with the Controller are:

- Free Chlorine
- pH level
- ORP
- Conductivity
- Chlorine Dioxide
- Bio-film Monitor
- Turbidity
- Suspended solids
- Dissolved Oxygen

Options:

- PID Controls
- Isolated inputs and outputs
- Up to 4 relays
- Profibus capability
- Modbus capability



Specification

Power requirements

100 – 240 VAC/0.25A or 12 VDC/0.8A

Languages

Any by request

Inputs

Up to 3 configuration analogue inputs: 4-20mA, 4-20mA loop-powered, 0-10 VDC, +/- 2000mV for pH or ISEs, PT100 2 digital inputs for signals or pulse counting. RS485 Modbus ASCII/RTU.

Outputs

Up to 3 configurable analogue outputs 4-20mA, 0-10 VDC, 0-1.25 VDC max 750Ω Impedance

Up to 4 sSPST electromechanical relays rated 380 VAC, 8A max or

Up to 4 SPST solid state relays rated 3-26VDC, 3A max or

Up to 2 SPST solid state relays rates 100-240VAC, 3A max

Alarms

2 User configurable alarms with deadband and delay for each sensor input

Communications

Allows communication /networks with PLC, SCADA or BMS

Modbus

Profibus

HART

Modbus TCP (Ethernet)

Memory backup

All user configuration is stored in non-volatile on-board flash memory

Enclosure

IP rates 65

ABS/Polycarbonate/EPDM construction

Dimensions

193 x 161 x 103 mm

Display

Monochrome with RGD backlight

Weight

0.8kg

Warranty

12 months from date of purchase

