



EMS 5/50 Controllers

- Multi Function
- Flexible Operation

The EMS 5/50 are monitor/controllers that in conjunction with a suitable sensor module can be used to monitor and control pH, conductivity, temperature, CO₂, oxygen, humidity, etc.

A microprocessor system enables flexible, PID, ON/OFF, programming of two relays in each unit. These may be used to open or close valves, operate pumps, etc. The system can be expanded to computerised monitoring and control.

Readings are displayed on a bright LED meter.



The EMS 5/50 range is a series of controllers. Using the latest technology, they can be configured to virtually any requirement.

They can provide simple ON/OFF or complex PID control with ramp and delay operations.

Some versions can be linked to a standard PC by 2-wire communication cable to form a sophisticated distributed computer system. Programming of the controller can be carried out on site, remotely on a PC or even via the Internet.

Despite the very complex capabilities of this system it is easy to operate.

Using standard modules, it is easy to maintain.

Sensors are available for the monitoring and control of:	
Temperature:	Thermocouple (9 types), Pt100 and RTD-2
Temperature/Humidity:	TH001 (Psychrometer) TH020 (Em200 sensor) TH030 (Rotronic sensor) TH040 (External screened sensor)
CO₂:	GMD20 (Vaisala) CO ₂ /1
Oxygen:	OXY3
pH:	pH1
Conductivity:	CF1
Solar Radiation:	PAR 2