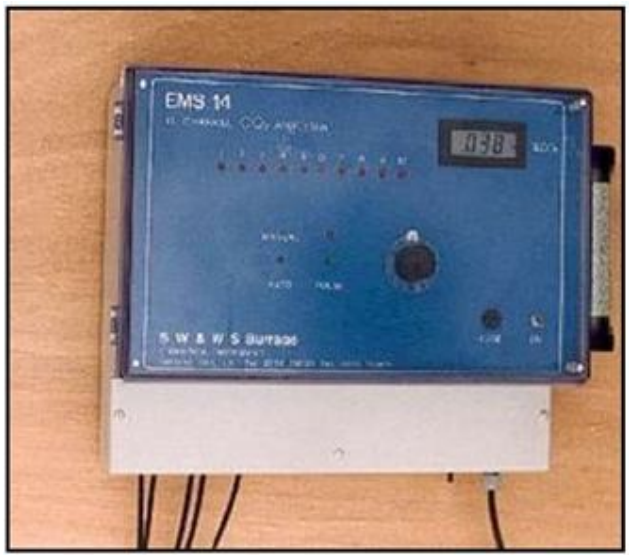
EMS 14 10 Channel CO2 Analyser

- Infra - red analysis
- Auto zero checking
- Long term accuracy
- 10 channels
- Simple to install
  Easy to Operate



The analyser used in the system is a non-dispersive infra red analyser, microprocessor controlled with auto zeroing. This highly reliable analyser requires very little maintenance: periodic changing of the soda lime and a 3 monthly check of the span. These are very simple and quick operations to carry out.

Air is drawn to the analyser by a small pump. The monitoring unit houses 10, 3 way solenoid valves that are pulsed by a 30 second timer to pass the sample gas from each shed sequentially through the analyser giving an overall sampling time of 5 minutes. A second pump draws air from the sheds which are not being sampled to speed up the response time of the system. This air is blown to waste.

A water trap is mounted at each shed is linked to the gas analyser via a length of semi-flexible small bore polypropylene tubing. The analyser is housed in a clear fronted plastic box (IP56). The reading for each shed can be viewed on a 15mm LCD display by operating a 12 position rotary switch. LED indicator lights show which channel is being sampled at any particular moment.

A 25 pin "D" connector provides a signal output relating to each channel for linking to a computer system and a 25 pin "D" socket connector an output to a printer.

Specification	
Display:	*LCD 15mm.*
Range:	*0 - 1% standard, 0.5% and 10.0% optional*
Definition & Accuracy:	*0.001%(10ppm) & +/- 0.005%(50ppm)*
Output:	*0 - 10VDC for analysor range, 10 channels*
Power Supply:	*240 vAC,50~, 1A*
Weight:	*5.5kg.*
Dimensions:	*350 x 300 x 160mm*
Accessory:	*EMS 16 10 channel flap control.* *Printer*

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