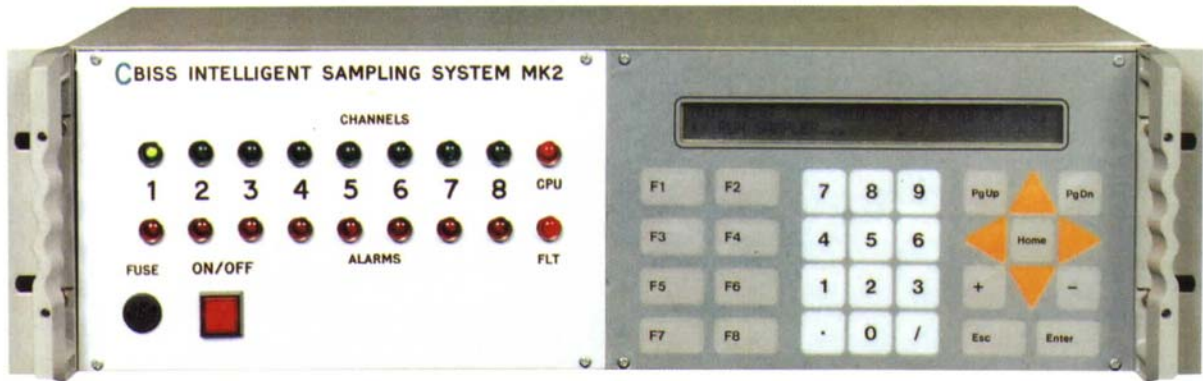




C B I S S

Mark 2 Intelligent Sampling System



NB: shown with optional keypad/LCD

The CBISS Mark 2 Intelligent Sampling System is a second generation single board computer controlled industrial multiplexor.

The control system has been developed by improving and adding higher specifications to the proven single board system on our original Intelligent Samplers which have been in production for 6 years and sold throughout the world for continuous operation.

The system can accept analog signals or RS232 signals from analysers, RS232 drivers can be written for specific analysers.

The unit is supplied as an 8 or 4 channel system complete with controller and is expandable by adding 19" remote 12 channel racks up to 68 channel (6 racks).

This unit is designed to be as flexible as possible and with extensive connectivity to other control systems

Applications

- Gas leak detection
- Ventilation Studies
- Air Pollution Monitoring
- Stack Emission Monitoring
- TOC/BOD Multipoint Effluent Monitoring
- Fermentation Monitoring
- Fully Automated Emission Monitoring and Reporting Package with Windows based software (see C-Das leaflet and C-Das Report leaflets)
- Special Systems for research
- O E M systems for analyser manufacturers

CBISS Designing For Industry

Instrumentation / Process Control / Turnkey Analytical Systems / Sampling Systems / Software/Data Acquisition / Special Systems

Specification

Fluidics

Sampling Channels	4 to 68
Tubing Connections	6 mm or 1/4"
Wetted Parts	PVDF, PTFE, 316 ss

Mechanical

Dimension	19" 3u Racks x 420 D (max 6 off)
Weight	10 kg/rack (max)

Electrical

Power	90 - 240 VAC Auto Switching 100 Watt (max)
Display	40 x 2 line backlit LCD
Keypad	I P-65 washable with integral display 32 key including function keys, arrows, ent, home, +/(option)
Analog Inputs	8 x 0/4-20 ma 0/1-5 volts, 1 amplified input for low voltages
Analog Outputs	4-20 ma isolated up to 16
Digital	1/0 System 8 ins 8 outs expandable to 128
System	Single board 128k computer

Communications

Ports	2 x RS232 Ports
Modbus	Bi-directional MODBUS RTU protocol, uses a SUBSET of MODBUS commands
Printer	Panel Printer or Serial printer output

Options

Custom-built systems can be supplied to exact customer specifications.
The sampler can be supplied fitted in a cabinet complete with analyser
and sampling components.