



SB2000 Series Wall/Panel Mount Analyser



Pure gas analysis
Waste incineration
Glass production
Refinery processes
Appliance testing and compliance
Solvent incineration
Power generation
Paper manufacturing
Cement production
Food processing
Pharmaceutical
Natural gas
Crematoria
Combustion control
Land fill gases
Clean Development Mechanism (CDM)
Wood burning boilers
Particulate emissions

The SB2000 is a self-contained analyser for a wide range of applications. It can be supplied in a number of variants covering a large range of gases and ranges. The single beam infrared technology gives high selectivity and excellent sensitivity and repeatability - versatility unmatched by other units.

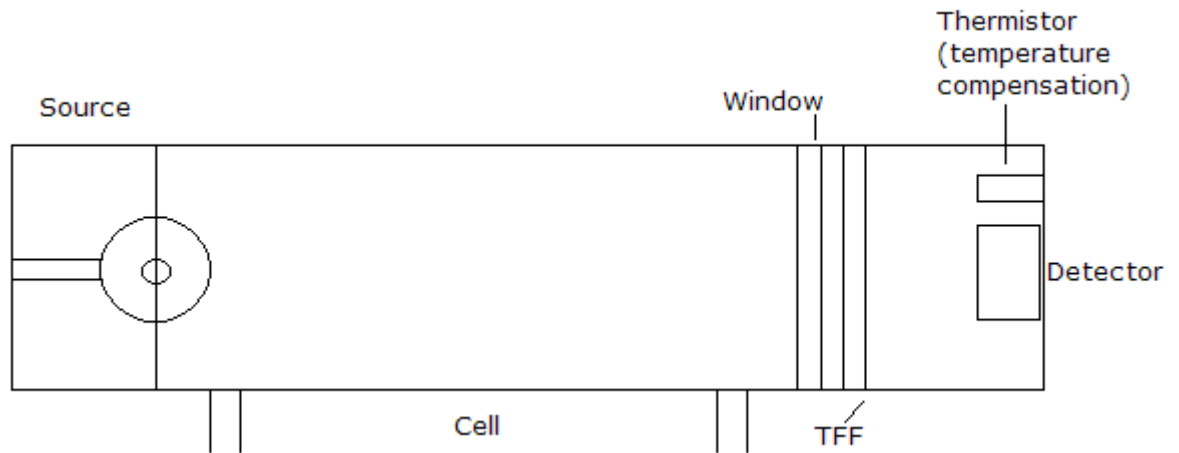
The on-board electronics handle most of the work, leaving final calibration and display options open for ease of integration.

Available as a stand alone wall mount version in splash proof box or as a panel mount. For operation, the bench requires a modest flow (dependant on cell size and required response time) of dust-free, dry sample gas. Complete with sample pump, and manual.

- Specially Designed to meet customized demand
- Self contained gas analyser bench
- Large range of gases unmatched by other analysers
- Highly reliable, proven design
- Optional oxygen by ECC cell as second gas
- All functions set by remote PC link
- Single AC power supply or 24V DC input
- Analogue output 4-20mA
- Dual channel alarms with display
- Automatic zero function with 6 months calibration cycle
- Highly reliable proven design
- Free from poisoning

Experts in Gas Analysis

Criteria	SINGLE Beam Infrared Optics
Measurement Technique	Non-dispersive infrared absorption with solid state detector
Measurement Range	Up to 100% for gases and saturation concentrations for vapours
Resolution	1% fsd
Repeatability	+/- 0.5% fsd
Noise	0.5% fsd
Zero Stability	Negligible drift with auto zero function
Span Stability	0.5% fsd over 90 days
Temperature effect on Zero	+/- 0.25% fsd per 1 degree centigrade
Temperature effect on Span	+/- 0.25% fsd per 1 degree centigrade
Response Time	Typically 4 seconds to T90 dependant on cell size
Flow Rate	Typically 0.2 to 1 litre per minute with sample pump
Connections	240/220/110 VAC 50/60Hz: 24DC Gas entries on front 4-20mA analogue output RS232/485 for system set up Relay outputs: 1A 240V



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