SB1000 Portable Gas 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 SB1000 portable is a self-contained portable analyser for a wide range of application. It can be provided in a number of variants covering a huge range of gases and ranges. The single beam infrared technology gives high selectivity and excellent sensitivity and repeatability - versatility unmatched by other units.

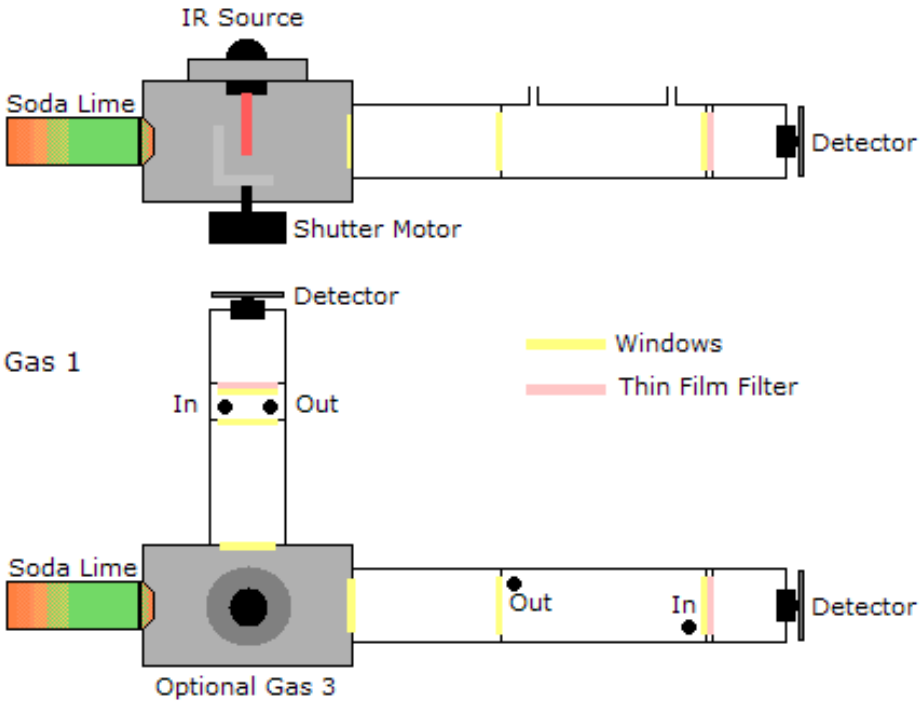
The on-board electronics handle most of the work, leaving final calibration and display options open for ease of integration.

Sample gas arrangements can vary from simple filter and pump through to electrical switched multi-sample, zero and span gas. 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, power cable and manual.

- **Specially designed to meet customized demand**
- **Self contained gas analyser bench**
- **Huge range of gases unmatched by other analysers**
- **Highly reliable, proven design**
- **Single AC power supply/or battery operation**
- **Analogue output 0-10V**
- **Optional linearization board with 4-20mA output**
- **Span and zero adjustments via external pot**
- **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	0.5% fsd
Repeatability	+/- 1.0% fsd
Noise	0.5% fsd
Zero Stability	2.0% fsd over 24 hrs
Span Stability	0.5% fsd over 24 hrs
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 Gas entries on front 0-10V analogue output - 1/4” jack



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