

- 1-48 sample points
- Monitor up to 4 gas types
- Full indication of all operations
- 4 line alpha/numeric display
- Line blockage and pump fail monitoring
- Variable sample time for optimum cycle time
- Selectable sample line sequence
- No sample line purge delay
- High integrity, comprehensive self check fault monitoring
- Easily installed and maintained
- Centralised one man calibration offers minimum running costs
- Event logging / Modbus / RS232 / RS485
- Display of each sample line location
- Split system operation – *optional*
- Remote repeater panel – *optional*
- Line blockage, blow back – *optional*
- LED/text indicator panel – *optional*
- Hazardous area operation – *optional*
- Auto flood cut off – *optional*
- Enclosure internal gas monitoring with automatic system shutdown – *optional*



Application

The GDS 304 system is designed to monitor gas levels from a number of sample-points, targeted at situations where the positioning of conventional gas sensors may not be practical. This may be due to equipment security, cable routing, access for detector head installation/maintenance, harsh environment or a cost effective means of monitoring designated hazardous areas, typically - tunnels, marine applications, underground/high level voids, process control, landfill, multi storey car parks, brewing, horticulture, livestock husbandry.

Operation

Gas samples are sequentially extracted for a timed period by a central control unit via fixed sample lines. A high rate sample is taken by the main pump during which a reduced rate sample is passed across the sensor device.

The central unit provides gas level readouts with two alarm trip points per line, providing a range of signal outputs for annunciator and control functions.

