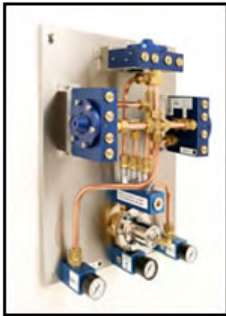


BSL Gas Technologies Limited

*Mixing Knowledge and Resource Delivering Thought Provoking
Industrial Gas Solutions*



Intelligent Gas Monitoring



+ Capacity - Gas Mixing System capable of processing 180 m³/hr



+ Monitoring - Integral Gas Monitoring System



+ Analysis - Leak and gas usage analysis



+ Installation - Easy to install requires no buffer tank

+ Communication - GSM communications system for remote monitoring and analysis

BSL Gas Technologies Limited
No 101 Laker Road, Rochester Airport Industrial Estate
Rochester, Kent ME1 3QX



Tel ++ 44 1634 661100 Fax ++ 44 1634 671111
Email info@bslgastech.com www.bslgastech.com

BSL Gas Technologies Limited

Mixing Knowledge and Resource Delivering Thought Provoking Industrial Gas Solutions

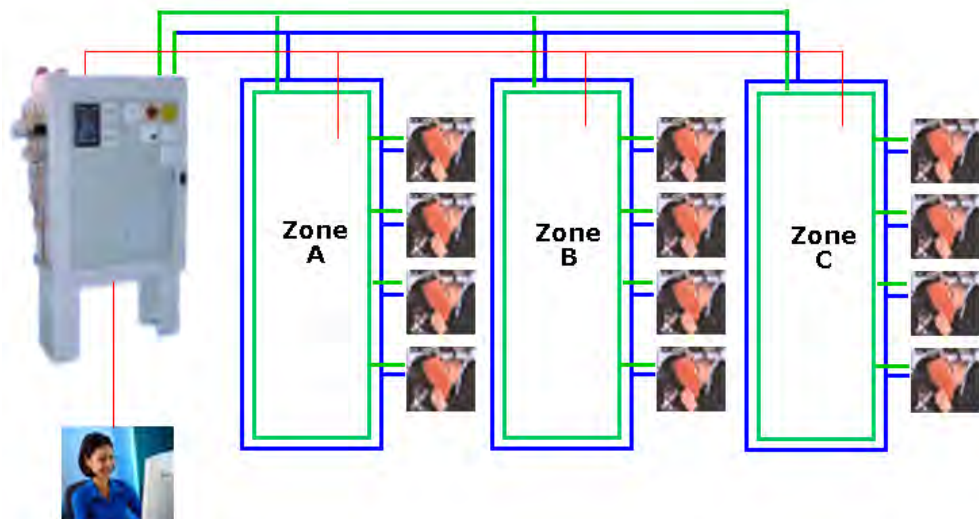


Gas Mixing and Monitoring System

- ✚ Accurately Mix Gas up to 180m³/hr
- ✚ Reduce Mixed Gas Leaks
- ✚ Improve Plant Efficiency
- ✚ Reduce Maintenance Costs

In this modern world there is an ever increasing demand to reduce carbon dioxide emissions. In addition we are all under pressure to reduce manufacturing costs and to improve efficiency. BSL Gas Technologies Limited have several different monitoring options available that offer our customers all of the above and more.

Detailed below is a typical manufacturing installation for car chasis production



BSL Gas Technologies Limited
No 101 Laker Road, Rochester Airport Industrial Estate
Rochester, Kent ME1 3QX

Tel ++ 44 1634 661100 Fax ++ 44 1634 671111
Email info@bslgastech.com www.bslgastech.com



BSL Gas Technologies Limited

Mixing Knowledge and Resource Delivering Thought Provoking Industrial Gas Solutions



In this application a mixing panel rated at up to 180 cubic metres per hour could supply upwards of 180 welding sets.

This particular system includes a CO₂ gas analyser unit that continually monitors the gas mix and provides alarm signals to the internal control system.

By zoning the installation and monitoring the outlet pressure the system is able to determine and provide information on leaks

The control on the panel is via a programmable logic controller and the mix and analytical data are all controlled through and or fed back to this system.

A GSM based communication system forms part of the design and this enables BSL to contact the mixing panel remotely to monitor performance and or fault find. There is no need for expensive telecommunications systems, wiring and or installation costs. Communication is by a normal telephone mobile phone network

The data capture on the control package enables BSL Gas Technologies Limited to pull down information and report accordingly. The main benefit of this system is that CO₂ leaks in the process pipework can be identified by zone and location allowing maintenance staff to quickly identify and rectify faults. By establishing a routine reporting system and an action plan based on the report it has been demonstrated that the savings made in terms of lost CO₂ provide the customer with a 1 to 2 year pay back on investment.

This is just one example of the different applications that can be made available.

BSL Gas Technologies Limited
No 101 Laker Road, Rochester Airport Industrial Estate
Rochester, Kent ME1 3QX

Tel ++ 44 1634 661100 Fax ++ 44 1634 671111
Email info@bslgastech.com www.bslgastech.com



BSL Gas Technologies Limited

Mixing Knowledge and Resource Delivering Thought Provoking Industrial Gas Solutions

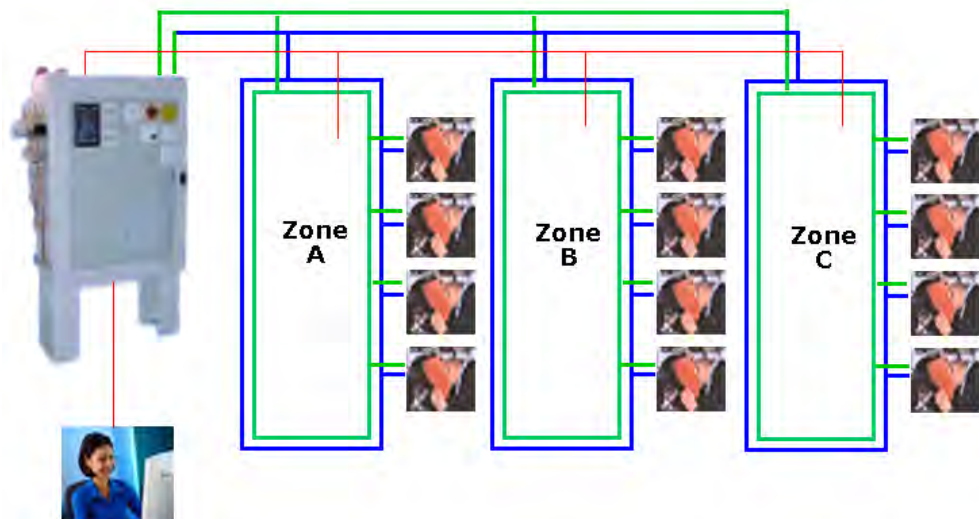


Gas Mixing and Monitoring System

- ✚ Accurately Mix Gas up to 180m³/hr
- ✚ Reduce Mixed Gas Leaks
- ✚ Improve Plant Efficiency
- ✚ Reduce Maintenance Costs

In this modern world there is an ever increasing demand to reduce carbon dioxide emissions. In addition we are all under pressure to reduce manufacturing costs and to improve efficiency. BSL Gas Technologies Limited have several different monitoring options available that offer our customers all of the above and more.

Detailed below is a typical



BSL Gas Technologies Limited
No 101 Laker Road, Rochester Airport Industrial Estate
Rochester, Kent ME1 3QX



Tel ++ 44 1634 661100 Fax ++ 44 1634 671111
Email info@bslgastech.com www.bslgastech.com

BSL Gas Technologies Limited

manufacturing installation for car chassis production
*Mixing Knowledge and Resource Delivering Thought Provoking
Industrial Gas Solutions*



In this application a mixing panel rated at up to 180 cubic metres per hour could supply upwards of 180 welding

sets.

This particular system includes a CO₂ gas analyser unit that continually monitors the gas mix and provides alarm signals to the internal control system.

By zoning the installation and monitoring the outlet pressure the system is able to determine and provide information on leaks

The control on the panel is via a programmable logic controller and the mix and analytical data are all controlled through and or fed back to this system.

A GSM based communication system forms part of the design and this enables BSL to contact the mixing panel remotely to monitor performance and or fault find. There is no need for expensive telecommunications systems, wiring and or installation costs. Communication is by a normal telephone mobile phone network

The data capture on the control package enables BSL Gas Technologies Limited to pull down information and report accordingly. The main benefit of this sytem is that CO₂ leaks in the process pipework can be identified by zone and location

BSL Gas Technologies Limited
No 101 Laker Road, Rochester Airport Industrial Estate
Rochester, Kent ME1 3QX



Tel ++ 44 1634 661100 Fax ++ 44 1634 671111
Email info@bslgastech.com www.bslgastech.com

BSL Gas Technologies Limited

allowing maintenance staff to quickly identify and rectify faults. By
Mixing Knowledge and Resource Delivering Thought Provoking
establishing a routine reporting system and an action plan based on the
Industrial Gas Solutions
report it has been demonstrated that the savings made in terms of lost
CO₂ provide the customer with a 1 to 2 year pay back on investment.



This is just one example of the different applications that can be made available.

BSL Gas Technologies Limited
No 101 Laker Road, Rochester Airport Industrial Estate
Rochester, Kent ME1 3QX

Tel ++ 44 1634 661100 Fax ++ 44 1634 671111
Email info@bslgastech.com www.bslgastech.com

