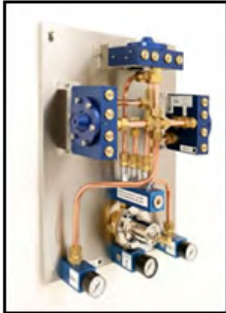


# BSL Gas Technologies Limited

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



## Industrial Gas Mixing



- ✚ Standard Panel Range – A standard panel design to suit almost any industrial gas mixing application
- ✚ Flexible Design – Modular construction that enables bespoke systems to be engineered and manufactured quickly and efficiently
- ✚ Variety – A design range that includes both preset and adjustable styles of mixer
- ✚ Construction – Robust, hard wearing, stainless steel housing. Can be installed outside
- ✚ Installation – Very easy to install. Requires no buffer tank.
- ✚ Operation – No electrical parts. The design is pressure mechanical.
- ✚ Support – Same day recalibration service available. Service parts available from stock
- ✚ Ancillaries – Gas analysers, leak check and line monitoring systems are also available

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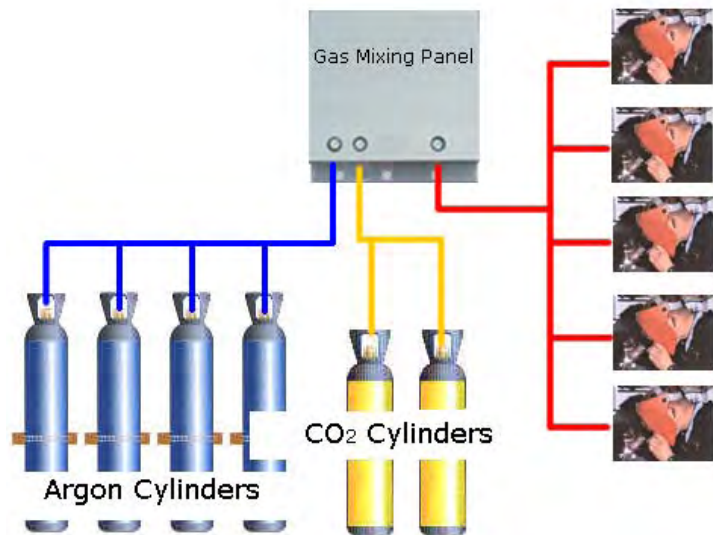


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## Industrial Gas Mixing Solutions



A comprehensive range of pre set and fully adjustable mixing panels designed to offer the customer a cost effective and efficient solution for mixing gases for use in an industrial application.

Supported by a range of leak check, filtration and analytical equipment coupled with the support of a well qualified design team BSL Gas Technologies Limited is able to offer the complete solution.



The unique modular construction allows us to maintain a range of stock panels and to produce bespoke systems that meet most customer's requirements.

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## Combimix



The Combimix Gas Mixer has been designed for gas mixing applications in an industrial environment at flow rates up to 50 litres per minute.

This is the smallest unit in the BSL Gas Technologies Limited range of gas mixing valves and the clever design includes inlet regulators that have been built into the main body of the valve.

As with all of the mixing valves the design is a pressure mechanical. There are no electrical and or electronic devices. Gas is supplied to the valve from an adjacent cylinder bank and the valve can be configured to provide two different mixed blends. The system provides a variable flow of gas to match demand and in most cases the need for a buffer tank is removed.

## Adjustamix Range

The Adjustamix range of panels has been designed for gas mixing applications in an industrial and or packaging environment.

The gas mixing valve at the heart of the BSL panel design is a pressure mechanical device.

Other than an optional pressure switch on the supply gases, the panel requires no electrical supply. There are no electrical and or electronic devices.

The system provides a variable flow of gas to match demand and in most cases the need for a buffer tank is removed.

The pressure switches, when fitted, monitor the inlet gases and provide a volt free signal on low pressure conditions.

This panel is available for both two and three inlet gases and in each case can be supplied with low pressure monitoring.



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Small and compact the system is very robust and is constructed with a stainless steel housing and rigid carry handle. All units are fully adjustable via lockable control devices to the panel facia. The panel can be configured to suit the more routinely handled gases like nitrogen, argon and carbon dioxide. If the application requires the unit can also be supplied with fittings, valves and pipe work suitable for Oxygen, Hydrogen and Helium.

## Gasmix Mini Range



The Gasmix Mini range of panels has been designed for gas mixing applications in an industrial and or packaging environment.

The gas mixing valve at the heart of the BSL panel design is a pressure mechanical device. There are no electrical and or electronic devices.

The system provides a variable flow of gas to match demand and in most cases the need for a buffer tank is removed.

BSL Gas Technologies Limited has developed this small and compact unit for the smaller workshop and or process packaging plant.

The panel can be supplied to provide two preset gas mixes and can if required be configured to provide regulated CO2 and Argon /Nitrogen supplies depending on the applications

A robust stainless steel mounting plate provides a neat crisp design providing easy access to the gas mixers and regulators.

The Gasmix. Mini range is suitable for carbon dioxide, argon and nitrogen supply gases.

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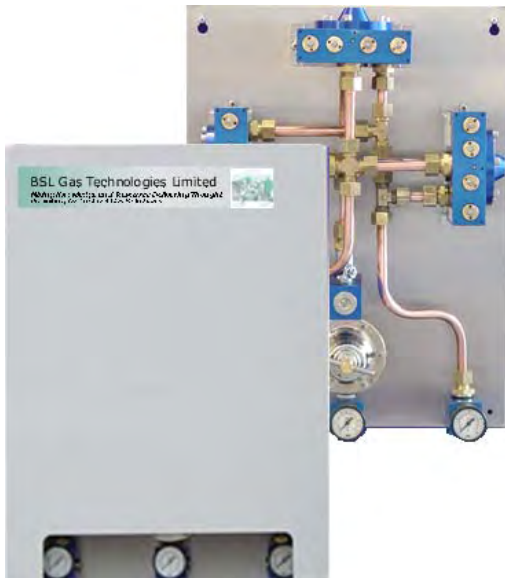
## Gasmix FW Range



For fabrication and food packaging applications the modular Gasmix range of panels provides a versatile manufacturing process that enables BSL Gas Technologies to produce a whole range of panels.

The gas mixing valve at the heart of the BSL panel design is a pressure mechanical device. There are no electrical and or electronic devices.

The system provides a variable flow of gas to match demand and in most cases the need for a buffer tank is removed.



Designed as a wall mounted unit a robust stainless steel back plate and cover provide a neat crisp design providing easy access to the gas mixers and regulator. Small and compact the system is very robust.

The panel can be configured to suit the more routinely handled gases like nitrogen, argon and carbon dioxide. If the application requires the unit can also be supplied with fittings, valves and pipe work suitable for Oxygen, Hydrogen and Helium.

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## Gasmix 3 Series



Where the fabrication process and or food packaging application require a special blend of three gases the BSL Gas Technologies Gasmix 3 is ideal.

Preset prior to despatch the panels are designed to be mounted on a wall and coupled simply to local pipe work. The unique modular construction allows BSL Gas Technologies Limited to have a standard panel range and or built bespoke systems very quickly

The gas mixing valve at the heart of the BSL panel design is a pressure mechanical device. There are no electrical and or electronic devices.

The system provides a variable flow of gas to match demand and in most cases the need for a buffer tank is removed.

The panel can be configured to suit the more routinely handled gases like nitrogen, argon and carbon dioxide. If the application requires the unit can also be supplied with fittings, valves and pipe work suitable for Oxygen, Hydrogen and Helium.

Our address web site details phone and facsimile numbers are detailed below. You can request further information by email on [info@bslgastech.com](mailto:info@bslgastech.com)

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