

## FW Series Gas Mixing Panels

Flow capacity of 25 - 100 Nm<sup>3</sup>/hr depending on specific equipment model, inlet and outlet pressures.

The GasMix FW Panel range receives two supply gases from either liquid sources or high-pressure cylinders. Inlet gases pass through basic strainers for removal of coarse particulate contamination before entering the mixing panel. For optimal performance and gas purity, external filtration to 0.01 µm is recommended for all inlet gases.

Image showing the FW Series Gas Mixing Panel, a vertical rectangular unit with two gas inlets at the bottom and a gas outlet at the top.

Where carbon dioxide is used, additional hydrocarbon filtration is advised. FWX filter stands are available, incorporating high-efficiency filtration, non-return valves, and factory leak monitoring.



Welding & manufacturing



Inerting & tank blanketing



Heat Treatment & Metalworking



Food Processing & Packaging



Beverage Dispensing

### DETAIL

### VALUE

Product Name	GasMix FW Series
Product Type	Gas Mixing Panel
Supply Gases	All commonly used industrial gases
Manufactured by	BSL Gas Technologies Ltd
Telephone	+44 (0)1634 661100
Email	solutions@bslgastech.com
Address	101 Laker Rd, Chatham, Rochester ME1 3QX

### KEY USE POINTS

- No buffer tank required.
- Accurate gas mixing with a robust and reliable design.
- Easy to install and operate.
- Safety interlock to protect your process - if a supply gas is lost, no gas will pass through the panel.

### PARAMETER

### VALUE

Dimensions	385 mm x 500 mm x 190 mm
Weight	14 to 22 kg
Outlet Options	Single 2 or 3 component gas mixtures
Flow Capacity	25 - 100 Nm <sup>3</sup> /hr depending on specific equipment model, inlet and outlet pressures
Operating Temp	-20°C to +50°C
Inlet Connections	1/2" BSP Female Taper
Outlet Connections	1/2" BSP Female Parallel
Component Gas Nominal Conc. %	Tolerances specified in BS EN ISO 14175:2008
>5	+10% of the nominal value
1<5	+0.5% absolute
<1	Not specified in the standard

