

CF5000 System

The CF5000 System is built for high flows up to 200 Nm³/hr under low-pressure conditions.

Built for high flows of up to 200 Nm³/hr under low-pressure conditions, the CF5000 consists of three simple parts: the gas mixer, the gas analyser and the stand, making it the ultimate simple-to-use, low-pressure solution for inert gases.



Welding & manufacturing



Inerting & tank blanketing



Heat Treatment & Metalworking



Food Processing & Packaging



Beverage Dispensing

DETAIL

VALUE

Product Name	CF5000
Product Type	Gas Mixing Panel
Supply Gases	All commonly used inert 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

- High-flow, 2-gas mixing.
- Inlet gas pressure balance system.
- Constant flow mixing philosophy.
- Pre-set or adjustable versions available.
- Suitable for all common industrial gases.
- Fully customisable.
- Designed for use in low-pressure conditions
- Operates normally against pressure in a buffer tank.

PARAMETER

VALUE

Dimensions	600 mm x 600 mm x 300 mm
Weight	75 kg
Outlet Options	Up to 2 mixed gas ratios
Capacity	14 bar g supply / 5 bar g mixed gas
Operating Temperature	-20°C to +50°C
Inlet & Outlet	G1/2
Connections	
Operating Voltage	24 VDC to terminals
Component Gas Nominal	Tolerances specified in BS EN
Concentration %	ISO 14175:2008
>5	+10% of the nominal value
1<5	+0.5% absolute
<1	Not specified in the standard

FEATURES AND OPERATION

- The GasMix FW Panel range works by taking two supply gases from either liquid sources or cylinders, which are then filtered before entering the mixing panel.