

## LB Twin Mix Series Panels

The LB Single Mix Series of gas mixing panels are a series of wall or frame-mounted panels, most commonly used in welding, cutting, food and beverage applications.

The LB Twin Mix Series is built for use with all common industrial gases and will mix two or more gases to produce two mixed gas ratios.



Welding & manufacturing



Inerting & tank blanketing



Heat Treatment & Metalworking



Food Processing & Packaging



Beverage Dispensing

DETAIL	VALUE
Product Name	LB Twin Mix Series
Product Type	Gas Mixing Panel
Supply Gases	All common 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
<ul style="list-style-type: none"> <li>• Suitable for use with all common industrial gases.</li> <li>• Accurate gas mixing.</li> <li>• Easy to install and operate - ready for use immediately.</li> <li>• Safety interlock for process control - if a supply gas is lost, no gas will pass through the panel.</li> <li>• Two gas mixtures at the same time.</li> <li>• Check the mix at source easily.</li> </ul>

PARAMETER	VALUE
Dimensions	960 mm x 1060 mm x 395 mm
Weight	85 kg
Outlet Options	Two mixed gas ratios
Capacity	27.6 bar g supply / 6 bar g mixed gas
Operating Temperature	-20°C to +50°C
Inlet & Outlet	G1/2
Connections	
Component Gas Nominal Concentration %	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

KEY FEATURES
<ul style="list-style-type: none"> <li>• Fully mechanical design so no electrical supply or buffer tanks required.</li> <li>• Gas pressure balancing and safety interlock to protect your process.</li> <li>• Backflow contamination protection.</li> <li>• Leak monitoring.</li> <li>• Inlet and Outlet pressure regulators.</li> <li>• Mix sample point.</li> </ul>

MODEL	FLOW CAPACITY
LB2 Twin Mix	2 x 25 Nm <sup>3</sup> /hr of the actual mixed gas
LB4 Twin Mix	2 x 50 Nm <sup>3</sup> /hr of the actual mixed gas

