

TMB Gas Mixing Valve

Designed to accurately mix 2 or 3 gases in a single mixed gas stream in a fully homogenous way.

The TMB gas mixing valve is designed for precise control of inert gas applications, including combinations of Carbon Dioxide (CO₂), Argon (Ar), Helium (He), Nitrogen (N₂) and Hydrogen (H₂).



Welding & manufacturing



Inerting & tank blanketing



Heat Treatment & Metalworking



Food Processing & Packaging



Beverage Dispensing

Product Name	TMB
Product Type	Gas Mixing Valve / Blender
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

- Up to 3 mixed gas outlets available.
- Pre-set and certified for optimal mixed gas configurations.
- Accurate gas mixing at pressures up to 30 bar g.
- Customisable gas mix ratios, tailored to your applications.
- Safety interlock to protect your process - if a supply gas is lost, no gas will pass through the panel.

Dimensions	125 mm x 110 mm x 60 mm
Weight	1.8 to 4.2 kg
Outlet Options	Up to 3 mixed gas ratios
Design Pressure	Up to 30 bar g
Operating Temperature	-20°C to +50°C
Connections	G3/8"
Gas Mix Ratio	All common ratios
Component Gas Nominal Concentration %	Tolerances specified in BS EN ISO 14175:2008

- The TMB series of gas mixers ensures accurate gas blending across a wide range of industrial applications, making it ideal for environments requiring the consistent mixing of two inert gases.

MODEL	GASES	RANGE
TMB	Common industrial gases	2-22% / 5-40% / 10-85%
TMB (Brass)	Oxygen (O ₂)	2-22% / 5-40% / 10-85%