

# CHALLENGES IN MIXED GAS DISTRIBUTION





1

**Challenge: Limited gas mix options  
with cylinder supplies**

**Solution: BSL gas mixers provide a  
wide range of gas mixtures, allowing  
you to choose the exact mix needed  
for your specific processes.**





2

**Challenge: Restricted gas mix availability from cylinder suppliers**

**Solution: BSL gas mixers enable users to create custom gas mixtures, eliminating the need to pay a premium for specific mixes.**





3

**Challenge: Difficulty ensuring process continuity with cylinder supplies**

**Solution: BSL's modular gas mixers allow for easy upgrades and extensions as demand grows, ensuring continuous and scalable processes.**





4

**Challenge: Uncertainty in future gas demand and equipment needs**

**Solution: With a BSL mixer, you can plan for future demand by adding mixing panel modules when needed.**



5

**Challenge: Complex gas mixing installations and maintenance**

**Solution: BSL gas mixers eliminate the need for complex electrics and buffer tanks, reducing maintenance and failure points.**





6

**Challenge: Lack of information for sizing a gas mixing system**

**Solution: Our expert team helps clients determine the required peak flow, pressure, gas mix and application specifics for an optimal gas mixing system.**





7

**Challenge: Insufficient gas monitoring and measurement capabilities**

**Solution: With a BSL gas analyser into the system, you can measure and record mixtures with accuracy.**







8

**Challenge: Complex transitions to a new gas management system**

**Solution: BSL provides comprehensive assistance in implementing your new gas management system to ensure a smooth transition.**



**Challenge: Limited control over gas mixtures in cylinder supplies**

**Solution: For applications requiring varying gas mixtures, BSL's adjustable gas mixer allows users to modify their mix as needed.**

10

**Challenge: Reliability and quality assurance of equipment**

**Solution: With over 30 years of experience, BSL Gas Technologies has a proven track record of delivering high-quality gas mixing systems to the industrial gas community.**

