

Proportional Standard 2-Gas Mixers



**Standard Two Gas Mixer
180 SCFH/85 LPM**

STANDARD 2-GAS MIXER - 180 SCFH/85 LPM

Stock No.	Gases	Adjustment % Range	Required Inlet Pressure/ Gas PSIG/Bar	Outlet Pressure Without Flow PSIG/Bar*
299-006-1B	Argon	0-100%	105 - 115	50 / 3.5
	CO ₂	100-0%	7.3 - 7.9	
299-006-3B	Argon	0-100%	105 - 115	50 / 3.5
	Helium	100-0%	7.3 - 7.9	
299-011-1B Dual Scale	Argon	50-100%	105 - 115 7.3 - 7.9	50 / 3.5
	Hydrogen	50-0%		
	Argon Oxygen	80-100% 20-0%		
299-027B	CO ₂	0-100%	105 - 115	50 / 3.5
	Oxygen	100-0%	7.3 - 7.9	

All gases used with the mixers must be compatible with Buna-N, Copolymer Acetal, Nylon and Polyethylene.

* **NOTE:** outlet pressure, factory set at no flow.



Gas Mixers/Blenders

Series 30™ Mixer Inlet Regulators

- 30-150-580 - Nitrogen
- 30-100-320 - CO₂
- 30-100-350 - Hydrogen
- 30-100-540 - Oxygen

NOTE: Series 30™ regulators will supply necessary pressures for mixer operation.

SPECIFICATIONS	
Flow Rate	10-180 SCFH 4.8-85.7 LPM
Flow Rate Subdivisions	10 SCFH 4.8 LPM
Inlet & Outlet Connections	5/8"-18 RH Internal
Inlet Filters, Mixer protection only	60 Micron Nominal PN: 3291
Case Material	304 Stainless Steel
Weight	8 lbs. / 3.5kg
Size (WxDxH)	5-1/4" x 10" x 6-1/4" (133mm x 254mm x 165mm)

Replacement Mixer

Inlet Filters: Part # 3291

NOTE:

Mixers and blenders may be shipped to Smith Equipment for recalibration, reconditioning and gas mix certification.

Contact Smith customer service via email at smith@smithequipment.com to obtain information on costs and return goods instructions.

