

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	45 / 3.1
	CO ₂	100-0%	7.3 - 7.9	
299-006-3B	Argon	0-100%	105 - 115	45 / 3.1
	Helium	100-0%	7.3 - 7.9	
299-011-1B	Argon	50-100%	105 - 115	50 / 3.5
	Hydrogen	50-0%	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.



Series 30™ Mixer Inlet Regulators

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

Replacement Mixer Inlet Filters: Part # 3291

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)

High Capacity 2-Gas Mixers

HIGH CAPACITY 2-GAS MIXER - 700 SCFH/330 LPM

SPECIFICATIONS	
Flow Rate	20-700 SCFH / 9.4-330 LPM
Inlet Connection	1/4" FNPT
Outlet Connection	1/2" FNPT
Inlet Filters, mixer protection only PN: 8203	60 Micron Nominal
Case Material	304 Stainless steel
Weight	17 lbs. - 7.5kg
Size (WxDxH)	14" x 11" x 7" (356mm x 279mm x 179mm)



**High Capacity Two Gas Mixer
700 SCFH/330 LPM**

HIGH CAPACITY 2-GAS MIXERS - 700 SCFH/330 LPM

Stock No.	Gases	Adjustment % Range	Required Inlet Pressure/ Gas PSIG/Bar	Outlet Pressure Without Flow PSIG/Bar*
299-016-1B	Argon	0-100%	105 - 115	50 / 3.45
	CO ₂	100-0%	7.3 - 7.9	
299-016-16B	Argon	50-100%	105 - 115	50 / 3.45
	Hydrogen	50-0%	7.3 - 7.9	

Replacement Mixer Inlet Filters: Part # 8203

* Factory Set At No Flow.

