



PROPORTIONAL GAS MIXERS

*COMPLETE GAS MIXER SYSTEMS consist of Smith's proportional gas mixer, two single stage preset regulators, and 6 foot length of hose with inert connections. – MIXERS FOR OTHER COMBINATIONS OF GAS ARE AVAILABLE – Call for Information.

MIX YOUR OWN GAS

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



STANDARD TWO GAS MIXER – 180 SCFH

STANDARD TWO GAS MIXER, 180 SCFH

Specifications

Inlet Pressure	Min. 55 PSIG / Max. 100 PSIG	3.79 Bar / 6.9 Bar
Outlet Pressure (factory set at no flow)		45 PSIG / 3.1 Bar
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. 3.6 kg.
Size (WxDxH)		5 1/4" x 10" x 6 1/4"

Order No.	Price Ea	Gases	Adjustment% Range	Required Inlet Pressure/Gas	Outlet Pressure Without Flow
299-006-1B	\$1,395.00	Argon CO2	0-100% 100-0%	55 to 100 PSIG	45 PSIG
299-017-1B	\$1,595.00	Argon CO2	80-100% 20-0%	55 to 100 PSIG	45 PSIG
299-006-2B	\$1,495.00	Argon Oxygen	0-100% 100-0%	55 to 100 PSIG	45 PSIG
299-014-2B	\$1,695.00	Argon Oxygen	85-100% 15-0%	55 to 100 PSIG	45 PSIG
299-006-3B	\$1,395.00	Argon Helium	0-100% 100-0%	55 to 100 PSIG	45 PSIG



HIGH CAPACITY TWO GAS MIXER – 700 SCFH

HIGH CAPACITY TWO GAS MIXER, 700 SCFH

Specifications

Inlet Pressure	Min. 65 PSIG / Max. 100 PSIG	4.48 Bar / 6.9 Bar
Outlet Pressure (factory set at no flow)		50 PSIG / 3.45 Bar
Flow Rate		20-700 SCFH / 4.8-330 LPM
Inlet & Outlet Connections		1/4" NPT (inlet), 1/2" NPT (outlet)
Inlet Filters, Mixer Protection only		60 Micron Nominal / PN: 8203
Case Material		304 Stainless Steel
Weight		17 lbs. (7.7 kg.)
Size (WxDxH)		14" x 11" x 7"

**#299-016-1B Argon/CO2 0-100% & 100-0%
\$2,699.00 Each**



STANDARD THREE GAS MIXER – 180 SCFH

STANDARD THREE GAS MIXER, 180 SCFH

Specifications

Inlet Pressure	Min. 105 PSIG / Max. 115 PSIG	7.23 Bar / 7.92 Bar
Outlet Pressure (factory set at no flow)		50 PSIG / 3.45 Bar
Flow Rate		10-180 SCFH / 4.8-85.7 LPM
Inlet & Outlet Connections		5/8" - 18 R.H. INT.
Inlet Filters, Mixer Protection only		60 Micron Nominal
Case Material		304 Stainless Steel
Weight		17 lbs. (7.7 kg.)
Size (WxDxH)		14" x 11" x 7"

Order No.	Price Ea	Gases	Adjustment% Range	Required Inlet Pressure/Gas	Outlet Pressure Without Flow
299-039B	CALL	Argon Oxygen CO2	0-100% 100-0%	105 to 115 PSIG	50 PSIG
299-038B	CALL	Helium Argon CO2	85-100% 0- 15% 0-15%	105 to 115 PSIG	50 PSIG
299-042B	CALL	Argon Helium Oxygen	50-100% 0- 50% 0-15%	105 to 115 PSIG	50 PSIG