



Gas Mixtures – Multipurpose Two Component

Nitric Oxide

Equipment Recommendations	Model No.
Single Stage Regulator	Series 3610A-CGA*
Mini High Purity Regulator	Series 3570-180
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-CGA*
Cross Purge	4774-CGA*

Balance Gas	Concentration Range	Matheson Mixtures Grades						Cylinder Size	CGA*	Contents		Pressure		Approximate Ship Weight		
		MR	P	C+	C	U	G			US	Metric	psig	kPa	lb	kg	
Argon	16 ppm - 500 ppm			•	•	•	•	1R	660	152 ft ³	6.37 m ³	2,000	13,790	70	32	
								2R	660	81 ft ³	2.49 m ³	2,000	13,790	48	22	
								3R	660	30 ft ³	1.07 m ³	2,000	13,790	24	11	
								6R	180	3.89 ft ³	110 L	1,800	12,411	2	1	
	500 ppm - 5 %			•	•	•	•	•	•	•	•	•	•	•	•	•
								1P	660	225 ft ³	6.37 m ³	2,000	13,790	140	64	
								2P	660	88 ft ³	2.49 m ³	2,000	13,790	76	34	
								3P	660	38 ft ³	1.07 m ³	2,000	13,790	39	18	
								6P	660	4.35 ft ³	0.12 m ³	2,000	13,790	20	9	
Nitrogen	1 ppm - 2 ppm				•			1R	660	143 ft ³	4.05 m ³	2,000	13,790	70	32	
								2R	660	77 ft ³	2.18 m ³	2,000	13,790	48	22	
								3R	660	29 ft ³	0.82 m ³	2,000	13,790	24	11	
								6R	180	3.64 ft ³	104 L	1,800	12,411	2	1	
	2 ppm - 5,000 ppm		•	•	•	•	•									
								1R	660	143 ft ³	4.05 m ³	2,000	13,790	70	32	
								2R	660	77 ft ³	2.18 m ³	2,000	13,790	48	22	
								3R	660	29 ft ³	0.82 m ³	2,000	13,790	24	11	
								6R	180	3.64 ft ³	104 L	1,800	12,411	2	1	
	5,000 ppm - 5 %*			•	•	•	•	•	•	•	•	•	•	•	•	•
								1P	660	213 ft ³	6.03 m ³	2,000	13,790	140	64	
								2P	660	83 ft ³	2.35 m ³	2,000	13,790	76	34	
								3P	660	35 ft ³	0.99 m ³	2,000	13,790	39	18	
							6P	660	4.13 ft ³	0.12 m ³	2,000	13,790	20	9		

*At concentrations over 0.99% the cylinder pressure is reduced to 1,000 psig and the fill contents are reduced proportionately.
Certification traceable to NIST SRM

Key for Matheson Mixtures Grades:

MR = Matheson Reference Standard
P = Primary Standard

C+ = Certified Plus Standard
C = Certified Standard

U = Unanalyzed Standard
G = Gravimetric Standard