



Hydrogen Cyanide

Equipment Recommendations	Model No.	Page No.
Single Stage Regulator	Series 3610A-CGA*	316
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-CGA*	315
Cross Purge Assembly	Series 4774-CGA*	422

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	
Nitrogen	10 ppm - 1000 ppm			•	•	•	•	1R	350	143 ft ³	4.05 m ³	2,000	13,790	70	32	
								2R	350	77 ft ³	2.18 m ³	2,000	13,790	48	22	
								3R	350	29 ft ³	0.82 m ³	2,000	13,790	24	11	
	1000 ppm - 2 %				•	•	•	•	1A	350	213 ft ³	6.03 m ³	2,000	13,790	133	60
									2	350	83 ft ³	2.35 m ³	2,000	13,790	74	34
									3	350	35 ft ³	0.99 m ³	2,000	13,790	39	18

Contents and pressure may vary with concentration and ambient temperature.

For HCN mixtures greater than 1%, please contact Matheson

¹ Unanalyzed mixture available >0.2% concentration

Key for Matheson Mixtures Grades:

MR = Matheson Reference Standard C+ = Certified Plus Standard U = Unanalyzed Standard
 P = Primary Standard C = Certified Standard G = Gravimetric Standard

For more information on Matheson Mixture Grades, please refer to pages 66 - 68.