



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

⚠ WARNING: This product can expose you to chemicals including Hydrogen Cyanide (HCN) and cyanide salts (CN salts), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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.