



Acetylene

Equipment Recommendations	Model No.	Page No.
Single Stage Regulator	Series 3530-CGA*	313
Mini High Purity Regulator	Series 3550-180	314
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-CGA*	315

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	100 ppm - 0.83%			•	•			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.

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.