



# Chlorine

Equipment Recommendations	Model No.	Page No.
Single Stage Regulator	Series 3610-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
Helium	50 ppm - 3.5 %			•	•		•	1Q	660	202 ft <sup>3</sup>	5.72 m <sup>3</sup>	2,000	13,790	140	64
								3Q	660	34 ft <sup>3</sup>	0.96 m <sup>3</sup>	2,000	13,790	39	18
Nitrogen	5 ppm - 3.5 %		•*	•*	•*		•	1Q	660	213 ft <sup>3</sup>	6.03 m <sup>3</sup>	2,000	13,790	140	64
								3Q	660	35 ft <sup>3</sup>	0.99 m <sup>3</sup>	2,000	13,790	39	18

\*Certification will vary with concentration.  
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.