



# Gas Mixtures – Multipurpose Two Component

## Acetylene

Equipment Recommendations	Model No.
Single Stage Regulator	Series 3530-CGA*
Mini High Purity Regulator	Series 3550-180
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-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
Nitrogen	100 ppm - 0.83%			•	•			1A	350	213 ft <sup>3</sup>	6.03 m <sup>3</sup>	2,000	13,790	133	60
								2	350	83 ft <sup>3</sup>	2.35 m <sup>3</sup>	2,000	13,790	74	34
								3	350	35 ft <sup>3</sup>	0.99 m <sup>3</sup>	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