



Gas Mixtures – Multipurpose

Two Component

Methyl Mercaptan

Equipment Recommendations	Model No.
Single Stage Regulator	Series 3610A-CGA
Mini High Purity Regulator	Series 3570-180
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-CGA*
Cross Purge	4774-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	
Methane	1 ppm - 500 ppm			•	•			1I	350	145 ft ³	4.11 m ³	2,000	13,790	70	32	
								2I	350	78 ft ³	2.21 m ³	2,000	13,790	48	22	
								3I	350	29 ft ³	0.82 m ³	2,000	13,790	24	11	
								6I	180	3.73 ft ³	106 L	1,800	12,411	2	1	
	500 ppm - 1 %			•	•	•		•	1R	350	145 ft ³	4.11 m ³	2,000	13,790	70	32
									2R	350	78 ft ³	2.21 m ³	2,000	13,790	48	22
Nitrogen	500 ppb - 50 ppm			•	•			3R	350	29 ft ³	0.82 m ³	2,000	13,790	24	11	
								6R	180	3.73 ft ³	106 L	1,800	12,411	2	1	
								1I	350	143 ft ³	4.05 m ³	2,000	13,790	70	32	
								2I	350	77 ft ³	2.18 m ³	2,000	13,790	48	22	
	50 ppm - 1 %			•	•	•		•	3I	350	29 ft ³	0.82 m ³	2,000	13,790	24	11
									6I	180	3.69 ft ³	104 L	1,800	12,411	2	1

Contents and pressure may vary with concentration and ambient temperature.
Not recommended for use with concentrations <0.5%

Key for Matheson Mixtures Grades:

MR = Matheson Reference Standard
P = Primary Standard

C+ = Certified Plus Standard
C = Certified Standard

U = Unanalyzed Standard
G = Gravimetric Standard