

EPA Protocol Gases

Two Components						
Equipment Recommendation: To maintain product quality at the point of use, see Level 1 gas supply system, page 121. Two stage regulator SGVSGT160, page 134.						
Calibration Standard		Cylinder Size	Volume SCF	Concentration	Product Code EPA Protocol	Product Code NIST Traceable
Carbon Dioxide in Zero Air	CGA590	A31	148	50-1499 ppm	—	725400
		A16	84	1500-9999 ppm	723500	725500
		A07	33	1-20%	723600	725600
Carbon Dioxide in Nitrogen	CGA580	A31	144	50-1499 ppm	—	725700
		A16	82	1500-9999 ppm	723700	725800
		A07	32	1-20%	703000	725900
Carbon Monoxide in Zero Air	CGA 590	A31	148	3-9.9 ppm	723800	726000
		A16	84	10-99 ppm	723900	726100
		A07	33	100-999 ppm	724000	726200
			33	0.1-3%	703100	726300
Carbon Monoxide in Nitrogen	CGA 350	A31	144	3-9.9 ppm	724100	726400
		A16	82	10-99 ppm	724200	726500
		A07	32	100-999 ppm	724300	726600
			32	0.1-10%	703200	720800
Hydrogen Sulfide in Nitrogen	CGA 660	A31	144	2-26 ppm	724400	726700
		A16	76			
		A07	29			
Methane in Air	CGA 590	A31	148	0.5-130 ppm	720900	726800
		A16	84			
		A07	33			
Methane in Nitrogen	CGA 350	A31	148	0.5-130 ppm	721000	721100
		A16	84			
		A07	33			
Nitric Oxide in Nitrogen	CGA 660	A31	144	2-49 ppm	724500	726900
		A16	82	50-499 ppm	724600	727000
		A07	32	500-4000 ppm	703300	727100
Oxygen in Nitrogen	CGA 580/590	A31	144	6000-9999 ppm	721200	727200
		A16	82	1-23%	703400	727300
		A07	32			
Propane in Zero Air	CGA 590	A31	148	1-99 ppm	724700	727400
		A16	84	100-649 ppm	703500	727500
		A07	33	650-999 ppm	724800	727600
Propane in Nitrogen	CGA 350	A31	144	1-99 ppm	724900	727700
		A16	82	100-999 ppm	703600	727800
		A07	32	0.1-2.6%	721300	727900
Sulfur Dioxide in Zero Air	CGA 660	A31	148	15-99 ppm	725000	728000
		A16	84	100-4500 ppm	725100	728100
Sulfur Dioxide in Nitrogen	CGA 660	A31	144	15-99 ppm	725200	728200
		A16	82	100-4500 ppm	725300	728300