

# Carbon Dioxide CO<sub>2</sub>

Cylinder Pressure ..... 2000 psig (138 bar)  
 Cylinder Valve Outlet CGA No.  
   in Air ..... 590  
   in N<sub>2</sub> ..... 580  
   in O<sub>2</sub> ..... 296  
 DOT/TC Label  
   in Air and N<sub>2</sub> ..... Nonflammable  
   in O<sub>2</sub> ..... Nonflammable, Oxidizer  
 Other Available Sizes .... SCOTTY™ Transportable

**Recommended Equipment**  
 Two-Stage Regulator ..... Model 318, Page 270  
 Single-Stage Regulator .... Model 3300, Page 270  
 Single-Station Manifold .... Model 8100, Page 309

For balances air and nitrogen:  
 See page 150 for EPA protocol gas specifications,  
 EPA defined concentrations, and multi-component  
 environmental mixtures.  
 This product is also available as a SCOTT™  
 CEM DAILY STANDARD™ for EPA daily calibration  
 requirements – see page 161.

in Air				Dual-Analyzed Standards		Dual-Certified Standards	Single-Certified Standards		
				EPA Protocol		Gravstat	Acublend	Certified	
Concentration	Size	Contents		RATA Class	Compliance Class	Reference Class	Master Class	Master Class	Working Class
		CF	m <sup>3</sup>						
1 – 9 ppm	30AL	144	4			•		•	•
	16AL	76	2			•		•	•
	7AL	29	0.8			•		•	•
10 – 99 ppm	30AL	144	4			•		•	•
	16AL	76	2			•		•	•
	7AL	29	0.8			•		•	•
100 – 9999 ppm	30AL	144	4	*	*	•	•	•	•
	16AL	76	2	*	*	•	•	•	•
	7AL	29	0.8	*	*	•	•	•	•
	44	214	6			•	•	•	•
	16	84	2			•	•	•	•
	7	33	0.9			•	•	•	•
1 – 20%	30AL	144	4	•	•	•	•	•	•
	16AL	76	2	•	•	•	•	•	•
	7AL	29	0.8	•	•	•	•	•	•
	44	220	6			•	•	•	•
	16	86	2			•	•	•	•
	7	35	1			•	•	•	•

\* Please Inquire.

# Carbon Dioxide continued

in Nitrogen				Dual-Analyzed Standards		Dual-Certified Standards	Single-Certified Standards		
				EPA Protocol		Gravstat	Acublend	Certified	
Concentration	Size	Contents		RATA Class	Compliance Class	Reference Class	Master Class	Master Class	Working Class
		CF	m <sup>3</sup>						
1 – 9 ppm	30AL	140	4			•		•	•
	16AL	74	2			•		•	•
	7AL	28	0.8			•		•	•
10 – 99 ppm	30AL	140	4			•		•	•
	16AL	74	2			•		•	•
	7AL	28	0.8			•		•	•
100 – 9999 ppm	30AL	140	4	*	*	•	•	•	•
	16AL	74	2	*	*	•	•	•	•
	7AL	28	0.8	*	*	•	•	•	•
	44	209	6			•	•	•	•
	16	82	2			•	•	•	•
	7	32	0.9			•	•	•	•
1 – 20%	30AL	140	4	•	•	•	•	•	•
	16AL	74	2	•	•	•	•	•	•
	7AL	28	0.8	•	•	•	•	•	•
	44	211	6			•	•	•	•
	16	83	2			•	•	•	•
	7	33	0.9			•	•	•	•

in Oxygen				Dual-Certified Standards		Single-Certified Standards	
				Gravstat		Certified	
Concentration	Size	Contents		Reference Class	Master Class	Working Class	
		CF	m <sup>3</sup>				
1 – 9 ppm	30AL	151	4	•	•	•	
	16AL	80	2	•	•	•	
	7AL	30	0.9	•	•	•	
10 – 99 ppm	30AL	151	4	•	•	•	
	16AL	80	2	•	•	•	
	7AL	30	0.9	•	•	•	
100 – 9999 ppm	30AL	151	4	•	•	•	
	16AL	80	2	•	•	•	
	7AL	30	0.9	•	•	•	
	44	226	6	•	•	•	
	16	90	3	•	•	•	
	7	35	1	•	•	•	
1 – 20%	44	226	6	•	•	•	
	16	90	3	•	•	•	
	7	35	1	•	•	•	

\* Please Inquire.

For multi-component environmental carbon dioxide mixtures, see page 151.  
For medical and diagnostic oxygen balance products, please inquire.