

Nitrogen (N₂)

• Other balance gases and cylinder sizes are available upon request.

Nitrogen in Argon			Nitrogen in Helium		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
2 ppm – < 100 ppm	200	228	1 ppm – < 100 ppm	200	196
	150A	153		150A	132
	80	90		80	77
	35	35		35	30
100 ppm – < 1%	200	228	100 ppm – < 1%	200	196
	150A	153		150A	132
	80	90		80	77
	35	35		35	30
> 1%	200	224	> 1%	200	198
	80	90		80	78
	35	35		35	31
Primary Standards available for concentrations greater than 5 ppm. Standard Valve Outlet: CGA 580 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Primary Standards available for concentrations greater than 2 ppm. Standard Valve Outlet: CGA 580 Individual Certificate of Analysis or Certificate of Batch Analysis included.		
Nitrogen in Hydrogen			Nitrogen in Oxygen		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
1 ppm – < 100 ppm	200	196	1 ppm – < 100 ppm	200	230
	150A	132		150A	154
	80	77		80	91
	35	30		35	36
100 ppm – < 1%	200	196	100 ppm – < 1%	200	230
	150A	132		150A	154
	80	77		80	91
	35	30		35	36
> 1%	200	198	> 1%	200	226
	80	78		80	89
	35	31		35	35
Primary Standards available for concentrations greater than 2 ppm. Standard Valve Outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Primary Standards available for concentrations greater than 20 ppm. Standard Valve Outlet: CGA 296 Individual Certificate of Analysis or Certificate of Batch Analysis included.		

Technical Data & Shipping Information

Cylinder Pressure	2000 psig
U.S. DOT Class:	
In H ₂	2.1
All Others	2.2
U.S. DOT Label:	
In H ₂	Flammable Gas
All Others	Nonflammable Gas
ID Number:	
In H ₂	UN1954
All Others	UN1956

Equipment Recommendations are found on page 37