

Nitrous Oxide N_2O

Technical Data		Safety Data		Shipping Data	
Molecular Weight	44.01	Flammable Limits	Oxidizer, supports combustion	DOT Name	Nitrous Oxide
Boiling Point	- 127.2° F	Toxicity	Not established mildly anesthetic (NIOSH 25 ppm)	Hazard Class	2.2
Specific Volume	8.7 cf/lb	Compatibility	Noncorrosive	ID No.	UN1070
Critical Temperature	97.6° F			DOT Label	Nonflammable Gas and Oxidizer
Critical Pressure	1054 psia			CAS. No.	10024-97-2

Electronic Grade

Specifications: Min. purity 99.999% (liquid phase)
 $O_2 < 2$ ppm $H_2O < 3$ ppm
 $N_2 < 10$ ppm $THC < 1$ ppm

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LW926	KAL	40	745	326	Single-stage	Model 600	121

Research

Specifications: Min. purity 99.998% (liquid phase)
 $O_2 < 2$ ppm $H_2O < 3$ ppm
 $N_2 < 10$ ppm

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
AC680	KAL	40	745	326	Single-stage	Model 600	121

C.P.

Specifications: Min. purity 99.6% (liquid phase)
 Recommended for use in Atomic Absorption Spectrophotometers

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LW924	K	60	745	326	Single-stage	Model 600	121
LW925	20#	20#	745	326			



QUALITY. At LINWELD we place tremendous pride in our gas products...the outside appearance of the cylinder as well as the inside...Cylinder valves are shrink wrapped to assure a quality product.