

Deuterium D_2

Technical Data		Safety Data		Shipping Data	
Molecular Weight	4.03	Flammable Limits	4.9-75% in Air	DOT Name	Deuterium, Compressed
Boiling Point	- 417.3° F	Toxicity	Simple asphyxiant	Hazard Class	2.1
Specific Volume	96.0 cf/lb	Compatibility	Noncorrosive	ID No.	UN1957
Critical Temperature	- 390.7° F			DOT Label	Flammable Gas
Critical Pressure	241 psia			CAS. No.	7782-39-0

Research

Specifications: Min. purity 99.99%
 CO₂ < 1 ppm THC < 1 ppm
 N₂ < 40 ppm H₂O < 10 ppm
 O₂ & Ar < 10 ppm

Product Code	Cylinder Size	Contents liters	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LWDRK	K	5000	1760	350	Two-stage	Model 600	122
LWDRG	G	500	1080	350	Single-stage	Model 600	121
LWDR	2	50	1757	350			

C.P.

Specifications: Min. purity 99.7%
 CO₂ < 500 ppm THC < 10 ppm
 N₂ < 1000 ppm H₂O < 50 ppm
 O₂ & Ar < 1000 ppm

Product Code	Cylinder Size	Contents liters	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LWDCCK	K	5000	1760	350	Two-stage	Model 600	122
LWDCG	G	500	1080	350	Single-stage	Model 600	121
LWDC	2	50	1757	350			



LINWELD SERVICE is #1. Our store locations are equipped to deliver your specialty gas requirements direct to your door in a very timely manner.