

Xenon Xe

Physical Constants of Gas

Molecular Weight 131.30
 Specific Volume 2.9 CF/lb. (0.18 m³/kg)
 Boiling Point -162.6°F (-108.1°C) 1 atm
 Gas Density 70°F 1 atm 5.584 kg/m³

Cylinder Data

CGA Valve Outlet 580, 718
 SCOTTY™ Valve Outlet 180

Shipping Data

Shipping Class 70
 DOT Name Xenon
 TC Name Xenon, Compressed
 DOT Class 2.2 (Nonflammable Gas)
 TC Class 2.2 (Nontoxic, Nonflammable Gas)
 WHMIS Class A
 DOT Label Nonflammable Gas
 CAS Registry No. 7440-63-3
 UN No./ATA No. UN2036

Safety Information

Inert gas that does not support life.
 Can cause rapid suffocation.

Specifications									Recommended Equipment	
Grade	Purity (Minimum)	Size	Contents		Pressure		Weight		Description Model Number	Page
			CF	m ³	psig	bar	lbs.	kg		
Research Plus	99.999%	49	360	10	1020	70	123	56	Two-Stage Regulator Q1-318B-580	270
Ar < 1 ppm		30AL	180	5	852	59	61	28		
C ₂ F ₆ < 0.1 ppm		16AL	36	1	924	65	12	6	Single-Stage Regulator Q1-226-180*	275
CF ₄ < 0.1 ppm		7AL	18	0.5	1240	86	6	3		
CO + CO ₂ < 1 ppm		110	2	0.1	795	55	0.6	0.3		299
H ₂ < 1 ppm										
H ₂ O < 1 ppm										
Kr < 5 ppm										
N ₂ < 2 ppm										
O ₂ < 1 ppm										
SF ₆ < 0.1 ppm										
THC < 0.5 ppm										
Total Impurities < 10 ppm										

* For SCOTTY 110 cylinder.
 Please note: Subject to availability – contact your Air Liquide representative for more information.

Our SCOTT™ gas delivery equipment is guaranteed to preserve the purity and integrity of your gas. See page 261.