Flow-through Carbon Dioxide Laser Pure Mixtures

Flow-through carbon dioxide lasers use three or four component mixtures with varying concentrations of carbon dioxide, nitrogen, helium, carbon monoxide or hydrogen. These lasers are used in such diverse applications as laser surgery, welding, cutting, drilling, barcode generation, and filter perforation.

Carbon Dioxide and Nitrogen

Major Component	Concentration	Cylinder Size**	Contents*		Valve Outlet
			US	Metric	
In Helium					
Certified or Unanalyzed	1 - 20% Carbon Dioxide and 1 - 20% Nitrogen	300 200	269 ft^3 200 ft^3	7.07 m^3 5.26 m^3	CGA 350

Shipping Information:

DOT Name: . . . . . Compressed Gases, N.O.S.
Hazard Class: 2.2
ID No.: . . . . . .UN 1956
DOT Label: . . . . . .Nonflammable Gas

*Nominal Contents. Actual contents dependent on concentration of gases.
**Other sizes available on request.

Carbon Dioxide, Carbon Monoxide and Nitrogen

Major Component	Concentration	Cylinder Size**	Contents*		Valve Outlet
			US	Metric	
In Helium					
Certified or Unanalyzed	1 - 20% Carbon Dioxide 1 - 10% Carbon Monoxide and 1 - 25% Nitrogen	300 200	229 ft^3 169 ft^3	6.02 m^3 4.44 m^3	CGA 350

Shipping Information:

DOT Name: . . . . . Compressed Gases, N.O.S.
Hazard Class: 2.2
ID No.: . . . . . UN 1956
DOT Label: . . . . . .Nonflammable Gas

*Nominal Contents. Actual contents dependent on concentration of gases.
**Other sizes available on request.

Flow-through Carbon Dioxide Laser Pure Mixtures

Carbon Dioxide, Carbon Monoxide, Hydrogen and Nitrogen

Major Component	Concentration	Cylinder Size**	Contents*		Valve Outlet
			US	Metric	
In Helium					
Certified or Unanalyzed	1 - 20% Carbon Dioxide 1 - 10% Carbon Monoxide 0.1 - 10% Hydrogen and 1 - 25% Nitrogen	300 200	229 ft^3 169 ft^3	6.02 m^3 4.44 m^3	CGA 350

Shipping Information:

(Must list two components in parentheses is association with the proper shipping name.)

Percent Hydrogen:	< 6.2%	> 6.2%
DOT Name:	Compressed Gases, N.O.S.	Compressed Gas Flammable N.O.S.
Hazard Class:	2.2	2.1
ID No.:	UN 1956	UN 1954
DOT Label:	Nonflammable Gas	Flammable Gas

*Nominal Contents. Actual contents dependent on concentration of gases.

**Other sizes available on request.