

Carbon Dioxide

Need compressed, liquid and mixtures of carbon dioxide (CO₂)?

Food and Beverage Industry:

Carbon dioxide is a key cryogenic agent for cooling, chilling and freezing. Using CO₂ also reduces the need for preservatives in packaged products, and is a key ingredient in carbonated beverages.

Metal Fabrication Industry:

Carbon Dioxide and carbon dioxide mixes are used extensively in the Metal Fabrication industry as a shielding gas in the Mig Welding process.

Healthcare Industry:

The Healthcare industry uses carbon dioxide for insufflation and as a respiratory stimulant.

Laboratory and Life Sciences:

The Laboratory and Life Sciences fields use carbon dioxide for tissue culture, incubators, and fluid chromatography. Carbon dioxide mixes are used for various controlled atmospheres and bio-reaction.

Water and Wastewater Treatment:

The Water and Wastewater Treatment industry uses CO₂ as safe and lower cost alternative to mineral acids in pH reduction.

PRODUCT NAME:	CONCENTRATION:	
Carbon Dioxide: Coleman/Instrument Grade >99.996%	Oxygen	< 10.0 ppm
	Water Vapor (H ₂ O)	< 5.0 ppm
	Total Hydrocarbons	< 1.0 ppm
Carbon Dioxide: Laser Grade >99.995%	Oxygen	< 10.0 ppm
	Water Vapor (H ₂ O)	< 5.0 ppm
	Total Hydrocarbons	< 5.0 ppm
Carbon Dioxide: Industrial Grade >99.90%	Oxygen	< 10.0 ppm
	Water Vapor (H ₂ O)	< 10.0 ppm
<i>Research Grade & USP Grade are available upon request.</i>		

We deliver gaseous, compressed and liquid carbon dioxide in a variety of cylinders, vessels and containers to fit your precise application needs.

HIGH PRESSURE STEEL CYLINDERS

Size/Name	Cubic Ft	Width	Height	Weight
20	183 cf	7"	23.5"	21 lbs
125	292 cf	7"	43"	33 lbs
150	356 cf	7.375"	46.563"	41 lbs
250	567 cf	9"	51"	65 lbs

Please see the table below for information and to access safety data sheets on carbon dioxide available from Central Welding Supply.

GASES SAFETY DATA SHEETS (SDS)

Central Welding Supply Online Resource

URL: <http://www.centralwelding.com/sds.html>

