



## CARBON MONOXIDE (CO) CGA-350

A colorless, odorless, flammable compressed gas at high pressure.

**Toxicity:** Toxic, without warning properties.

**TWA:** 25 ppm (ACGIH)

**Fire Potential:** Flammable

**Flammable Limits:** 12.5-74%

**Compatible Materials:** Dry, sulfur-free carbon monoxide is non-corrosive and most common structural materials can be used. When used with steel, wet product may cause stress corrosion and may form iron carbonyl.

**Molecular Weight:** 28.01

**Specific Volume at 70°F and 1 atm:** 13.80 ft<sup>3</sup>/lb

**DOT Hazard Class:** Poison Gas (2.3)

**DOT Label:** Poison Gas and Flammable Gas

**DOT ID No.:** UN 1016

**CAS No.:** 630-08-0

\*Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.

### CARBON MONOXIDE, Research Grade 4.0

Minimum Purity 99.99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
025	04106025S	20 CF.	1650 P.S.I.	O <sub>2</sub> + N <sub>2</sub> < 20
244	04106244S	175 CF.	1650 P.S.I.	Ethane +Propane < 10 H <sub>2</sub> +CH <sub>4</sub> < 10 CO <sub>2</sub> <15 H <sub>2</sub> O<5

### CARBON MONOXIDE, Ultra High Purity Grade 3.0

Minimum Purity 99.9%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
244	04109244S	175 CF.	1650 P.S.I.	O <sub>2</sub> < 10 N <sub>2</sub> <50
300	04109300S	260 CF.	2000 P.S.I.	Ethane +Propane <20 H <sub>2</sub> <100 CH <sub>4</sub> < 50 CO <sub>2</sub> <25 H <sub>2</sub> O<5

### CARBON MONOXIDE, C.P. Grade 2.5

Minimum Purity 99.5%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
025	04108025S	20 CF.	1650 P.S.I.	O <sub>2</sub> < 10 N <sub>2</sub> <4500
244	04108244S	175 CF.	1650 P.S.I.	H <sub>2</sub> <100 CH <sub>4</sub> < 100
300	04108300S	260 CF.	2000 P.S.I.	CO <sub>2</sub> <100 H <sub>2</sub> O<5

### CARBON MONOXIDE BRASS- REGULATOR

Product Code	Brand	Style	Delivery Pressure (P.S.I.)	Description
05390017C	Western	SG-SH-SHSS	0-15, 0-45	Single Stage
05390148C	Western	LM-LMSS	0-45, 0-100, 0-180	Dual Stage High Purity

To place an order, call 860-278-2376