



SAFETY and FIRE EQUIPMENT **MSA**


To Assist You, In Meeting Your Environmental & HAZMAT Requirements, SIWS Provides A "Free Empty Cylinder Turn-In Policy" For All Disposable Compressed Gas Cylinders Purchased From Us, (Original Proof Of Purchase Required)




Model RP Steel Cylinder
Contents:
 Pressure 1000 psig;
 approximately 100 liters at atmospheric pressure
Size: 13-3/4" x 3"
Weight: 2 lb 13 oz
Material: Steel



Model R Steel Cylinder
Contents:
 Pressure 300 psig;
 approximately 19 liters at atmospheric pressure
Size: 10-3/4" x 2-3/4"
Weight: 1 lb 7 oz
Material: Steel



Model RP Aluminum Cylinder
Contents:
 Pressure 500 psig;
 approximately 58 liters at atmospheric pressure
Size: 13-3/4" x 3"
Weight: 1 lb 11 oz
Material: Aluminum



Econo-Cal Aluminum Cylinder
Contents:
 Pressure 500 psig;
 approximately 34 liters at atmospheric pressure
Size: 11" x 2-3/4"
Weight: 1 lb 1 oz
Material: Aluminum

Steel Cylinders, Non-Reactive Gases. These cylinders do not have a shelf life (Accuracy ± 5%)

Gas Fill	Gas Mixture	Background	Model RP	Model R	Econo-Cal
Air	air zero (THC < 1 ppm)	—	801050 \$225.00	—	—
Carbon Monoxide	400 ppm carbon monoxide	air	806255 \$225.00	—	—
	300 ppm carbon monoxide	air	473180 \$225.00	461769 \$85.00	—
	200 ppm carbon monoxide	air	809243 \$225.00	—	—
	100 ppm carbon monoxide	air	809242 \$225.00	—	—
	50 ppm carbon monoxide	air	809241 \$225.00	—	—
	100 ppm carbon monoxide	nitrogen	806734 \$225.00	—	—
Hydrogen	0.8% hydrogen	air	803102 \$225.00	—	—
Isobutylene	100 ppm isobutylene	air	494450 \$225.00	—	*10048279 \$155.00
Methane	2.5% methane	air	491041 \$225.00	459942 \$85.00	—
	6.6% methane	nitrogen	801049 \$225.00	—	—
Oxygen	20.8% oxygen	nitrogen	479857 \$225.00	468248 \$85.00	—
	5.0% oxygen	nitrogen	493580 \$225.00	476302 \$85.00	—
Nitrogen	100% nitrogen	—	481317 \$225.00	—	—
Nitrous Oxide	10 ppm nitrous oxide	nitrogen	806736 \$245.00	—	—
Pentane	0.75% pentane (50% LEL)	air	804532 \$225.00	—	—
Propane	0.6% propane	air	493579 \$225.00	—	—
Combination Gas Cylinders	0.35% pentane, 19.0% oxygen, 100 ppm carbon monoxide	nitrogen	10007047 \$225.00	—	—
	0.6% propane, 15% oxygen, 60 ppm carbon monoxide	nitrogen	801051 \$245.00	—	—
	1.45% methane, 300 ppm carbon monoxide, 15% oxygen	nitrogen	10010162 \$225.00	—	—
	2.5% methane, 60 ppm carbon monoxide, 15% oxygen	nitrogen	813718 \$225.00	—	—
	2.5% methane, 300 ppm carbon monoxide, 15% oxygen	nitrogen	10040291 \$225.00	—	—
	1.45% methane, 15% oxygen	nitrogen	478192 \$225.00	—	—
	1.45% methane, 15% oxygen, 60 ppm carbon monoxide	nitrogen	478191 \$225.00	—	—
	1.45% methane, 15% oxygen, 300 ppm carbon monoxide	nitrogen	10058021 \$295.00	—	—
	2.5% carbon dioxide				(*Aluminum Cyl)



Aluminum Cylinders, Reactive Gases. **These cylinders have a shelf life (Accuracy ± 5%)

Gas Fill	Gas Mixture	Background	Model RP	Econo-Cal
Ammonia	25 ppm ammonia	nitrogen	814866 \$495.00	711078 \$285.00
Chlorine	10 ppm chlorine	nitrogen	806740 \$495.00	711066 \$285.00
Hydrogen Sulfide	40 ppm hydrogen sulfide	nitrogen	467897 \$325.00	711062 \$185.00
	15 ppm hydrogen sulfide	nitrogen	806253 \$325.00	711064 \$185.00
	10 ppm hydrogen sulfide	nitrogen	467898 \$325.00	711060 \$185.00
Nitric Oxide	50 ppm nitric oxide	air	812144 \$415.00	711074 \$225.00
Nitrogen Dioxide	10 ppm nitrogen dioxide	air	808977 \$415.00	711068 \$225.00
Phosphine	0.5 ppm phosphine	nitrogen	710533 \$485.00	711088 \$275.00
Hydrogen Chloride	40 ppm hydrogen chloride	nitrogen	710210 \$495.00	711080 \$285.00
Hydrogen Cyanide	10 ppm hydrogen cyanide	nitrogen	809351 \$495.00	711072 \$285.00
Sulfur Dioxide	10 ppm sulfur dioxide	air	808978 \$325.00	711070 \$185.00
Combination Gas Cylinders	1.45% methane, 15% oxygen, 300 ppm carbon monoxide 10 ppm hydrogen sulfide	nitrogen	804770 \$415.00	711058 \$225.00
	1.45% methane, 15% oxygen, 20 ppm hydrogen sulfide	nitrogen	10048788 \$415.00	10048790 \$225.00
	1.45% methane, 15% oxygen, 300 ppm carbon monoxide, 2.5% carbon dioxide	nitrogen	—	10058023 \$225.00
	1.45% methane, 15% oxygen, 60 ppm carbon monoxide, 20 ppm hydrogen sulfide	nitrogen	10045035 \$415.00	10048280 \$265.00
	1.45% methane, 15% oxygen, 10 ppm hydrogen sulfide	nitrogen	804769 \$415.00	711056 \$265.00
	2.5% methane, 15% oxygen, 300 ppm carbon monoxide, 10 ppm hydrogen sulfide	nitrogen	813720 \$415.00	711076 \$265.00
	2.5% methane, 15% oxygen, 60 ppm carbon monoxide, 20 ppm hydrogen sulfide	nitrogen	10048890 \$415.00	10048981 \$265.00
	2.5% methane, 15% oxygen, 20 ppm hydrogen sulfide	nitrogen	10048889 \$415.00	10048888 \$265.00
	1.45% methane, 15% oxygen, 10 ppm hydrogen sulfide, 300 ppm carbon monoxide, 2.5% carbon dioxide	nitrogen	10050744 \$465.00	10058022 \$280.00
	0.35% pentane, 19% oxygen, 100 ppm carbon monoxide, 25 ppm hydrogen sulfide	nitrogen	10007049 \$415.00	—



CYLINDER, TYPE BD-20

****Note:** Reactive gases have an expiration date listed on each cylinder. This is to ensure the highest quality and accuracy for instrument calibration. Most have an expiration date of 12 months. Check with Customer Service for the exact shelf life of a particular MSA calibration cylinder.

Model RP Calibration Cylinder—Steel, 100% Methane Gas

Similar to the Model RP Non-Reactive Cylinder, except that it is shorter, accepts all Model RP calibration regulators. An odorant that gives a smell like natural gas has been added.

Contents: Pressure: 1000 psi; 58 liters

Size: 8 1/2" x 3"

Weight: 1 lb 13 oz (58 liters)

Material: Steel

#711014

\$225.00 Ea.



Model BD-20 Calibration Cylinder - CGA-590 - (Accuracy ± 5%)

Contents: Pressure: 2200 psi; approximately 552 liters (20 cu ft) of gas at atmospheric pressure - **Size:** 25" x 4-1/4" - **Weight:** 10 lb 9 oz - **Material:** Steel

Methane gas; 2.5% Methane, 15% Oxygen, 60 ppm Carbon Monoxide; Nitrogen background; **#710566 \$499.00 Ea**

Methane gas; 1.45% Methane, 15% Oxygen, 60 ppm Carbon Monoxide; Nitrogen background; **#710565 \$499.00 Ea**

Air, zero gas; Air, zero, THC<1ppm (no background) **#710576 \$499.00 Ea**

These cylinders do not have a shelf life.