

Model Econo-Cal™ Calibration Cylinders—Reactive Gases, Aluminum Cylinder

The Model Econo-Cal is a new line of calibration cylinders added to the MSA Gas Calibration Line. The Econo-Cal has the identical gas fill concentrations and assured reliability as the Model RP, Aluminum, but comes in a smaller, more economical 34-liter size. Uses Model RP Regulator.



<i>Gas Fill</i>	<i>Gas Mixture</i>	<i>Background</i>	<i>Part No.</i>
Ammonia	25 ppm ammonia	air	711078
Chlorine	10 ppm chlorine	nitrogen	711066
	2 ppm chlorine	nitrogen	711082
Hydrogen Chloride	40 ppm hydrogen chloride	nitrogen	711080
Hydrogen Cyanide	10 ppm hydrogen cyanide	nitrogen	711072
Hydrogen Sulfide	40 ppm hydrogen sulfide	nitrogen	711062
	15 ppm hydrogen sulfide	nitrogen	711064
	10 ppm hydrogen sulfide	nitrogen	711060
	5 ppm hydrogen sulfide	nitrogen	711086
Nitric Oxide	50 ppm nitric oxide	air	711074
Nitrogen Dioxide	10 ppm nitrogen dioxide	air	711068
	5 ppm nitrogen dioxide	air	711084
Phosphine	0.5 ppm phosphine	nitrogen	711088
Sulfur Dioxide	10 ppm sulfur dioxide	air	711070
Combination Gas Cylinders	300 ppm carbon monoxide, 1.45% methane, 15% oxygen, 10 ppm hydrogen sulfide	nitrogen	711058
	2.5% methane, 300 ppm carbon monoxide, 15% oxygen, 10 ppm hydrogen sulfide	nitrogen	711076
	1.45% methane, 15% oxygen, 10 ppm hydrogen sulfide	nitrogen	711056

Contents:
 Pressure 500 psig
 Approximately 34 liters
 at atmospheric pressure
Size: 1 3/4" x 3"
Weight: 1 lb 1 oz
Material: Aluminum

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

Calibration Tubing

Recommended for all calibration gas.

<i>Description</i>	<i>Part No.</i>
1/4" diameter MSA	604067
3/16" diameter MSA	604018

Calibration Cylinders Are Recyclable!

MSA has affiliated with the Association of Retarded Citizens, Butler County—a nonprofit organization that employs mentally retarded citizens—and established a Cylinder Recycling Center. The calibration cylinders will not be refilled, but will be salvaged for scrap. ARC will properly dispose of empty calibration cylinders, and all money generated from scrap cylinders will be placed in the ARC operating fund for salaries and operating costs.

Calibration cylinders are considered hazardous unless the cylinders are deemed empty. MSA has developed special devalving tools that will ensure the cylinder is empty and render the cylinder non-fillable. For your convenience, MSA also offers a specially pre-addressed shipping box (also recyclable) which will help you pay the lowest shipping costs available.

Why return calibration cylinders?

- Save resources
- Reduce landfill
- Help mentally retarded citizens
- Plan for the future
- Tax deductible donation

The MSA Recycling Center limits the return of calibration cylinders to MSA Logo cylinders only. Non-MSA cylinders will be rejected. Contact the Customer Service Center for additional details. 1-800-MSA-2222.



<i>Description</i>	<i>Part No.</i>
Devalving Tool, Model "RP" and Econo-Cal Cylinders	711228
Devalving Tool, Model "R" cylinders	711229
Shipping Box, Special, Pre-addressed	711227