

## Accurate

All gases are made to the highest accuracy with traceability to N.I.S.T.

## Portable & Inexpensive

Cylinders are designed to be light and portable. There are no deposits or rental charges.

## Quality Assurance

Each cylinder is labeled with a lot number and expiration date. The stability of each mix is guaranteed.



All cylinders are listed by their capacities in liters of gas followed by the material of construction, i.e. 58DAL = 58 liters of disposable aluminum, 103DS = 103 liters disposable steel.

## Regulators for 58 Liter, and 103 Liter Cylinders

### Ordering Information

Part No.	Description
81-1051	Constant flow, Model 100-12P1.0, preset 1 liter per minute flow, 3/16" hose barb fitting. (for sample draw instruments)
81-1051-01	Constant flow, Model 100-12P0.5, present 0.5 liter per minute flow, 3/16" hose barb fitting. (for sample draw instruments)
81-1051-02	Matching flow, Model 100-12A3.0, flow range from 0-3 liters per minute, 3/16" hose barb fitting. (for diffusion instruments)

81-1051



81-1051-02



### Ordering Information

Part No.	Description
900091977	One cylinder kit. Designed to accommodate one 103 liter or one 58 liter cylinder, plus tubing.
900091979	Two cylinder kit. Designed to accommodate two 103 liter or two 58 liter cylinders, plus tubing.
900091080	Three cylinder kit. Designed to accommodate three 103 liter or three 58 liter cylinders, plus tubing.

**Note:** Calibration kits include a foam lined carrying case and tubing to connect the calibration gas cylinder to the instrument. You must specify the regulator and the type of calibration gas that you want included in the calibration kit, and add the cost of the regulator and the calibration gas to the cost of the calibration kit.

Refer to next pages for list of Calibration Gases

## 58DA - 58 Liter Size Cylinders (Disposable Aluminum) @ 500 psi

Part No.	Description	Concentration
81-0191	Ammonia in nitrogen	25 ppm
81-0191-1	Ammonia in nitrogen	50 ppm
81-0191-2	Ammonia in nitrogen	10 ppm
81-0190-2	Chlorine in nitrogen	10 ppm
54-9034	Hydrogen sulfide in nitrogen	25 ppm
81-0151	Hydrogen sulfide in nitrogen	25 ppm
81-0151-1	Hydrogen sulfide in nitrogen	10 ppm
54-9044E	Methane (propane equiv.)/carbon monoxide/hydrogen sulfide/oxygen/balance nitrogen	50% LEL equiv./50 ppm CO/25 ppm H2S/18% O2/balance nitrogen
54-9048E	Methane (propane equiv.)/hydrogen sulfide/oxygen/balance nitrogen	50% LEL equiv./25 ppm H2S/18% O2/balance nitrogen
54-9043	Methane/carbon monoxide/hydrogen sulfide/oxygen/balance nitrogen	50% LEL/50 ppm CO/25 ppm H2S/ 18% O2/balance nitrogen
81-0154	Methane/carbon monoxide/hydrogen sulfide/oxygen/balance nitrogen	50% LEL/50 ppm CO/25 ppm H2S/ 12% O2/balance nitrogen
81-0180	Nitrogen dioxide in nitrogen	10 ppm
81-0180-1	Nitrogen dioxide in nitrogen	5 ppm
81-0154-1	Pentane/carbon monoxide/hydrogen sulfide/oxygen/balance nitrogen	50% LEL/50 ppm CO/25 ppm H2S/ 12% O2/balance nitrogen
81-0154-2	Pentane/hydrogensulfide/oxygen/balance nitrogen	50% LEL/50 ppm CO/25 ppm H2S/ 12% O2/balance nitrogen
81-0170-1	Sulfur dioxide in nitrogen	10 ppm



## 103DS - 103 Liter Size Cylinders (Disposable Steel) @ 1000 psi

Part No.	Description	Concentration
81-0064HV	Carbon monoxide in air	50 ppm
81-0065HV	Carbon monoxide in air	100 ppm
81-0069HV	Carbon monoxide in nitrogen	220 ppm
54-9033	Carbon monoxide/oxygen/balance nitrogen	50 ppm CO/18% O2/ balance nitrogen
81-0007HV	Hexane in air	4400 ppm (40% LEL)
81-0007HV-1	Hexane in air	2200 ppm (20% LEL)
81-0083HV	Hexane in air	400 ppm
81-0003HV	Hydrogen in air	500 ppm
81-0010HV	Hydrogen in air	2500 ppm
81-0012HV	Nethane (natural gas) in air	2.5% (50% LEL)
54-9031	Methane (natural gas)/oxygen balance nitrogen	2.5% (50% LEL)/18% O2/ balance nitrogen
54-9070E	Methane (pantane equiv.)/carbon monoxide/oxygen/balance nitrogen	1.25% (50% LEL equiv.)/50 ppm CO/18% O2/ balance nitrogen
54-9042E	Methane (propane equiv.)/carbon monoxide/oxygen/balance nitrogen	50% LEL equiv./50 ppm CO/18% O2/balance nitrogen
54-9032E	Methane (propane equiv.)/oxygen/balance nitrogen	1.62% (50% LEL equiv.)/18% O2 balance nitrogen
81-0008HV	Methane in air	2500 ppm
81-0079HV	Methane in air	500 ppm
81-0050HV	Methane in air	50 ppm
81-0086E-HV	Methane in air	5000 ppm
81-0155HV	Methane/carbon monoxide/oxygen/ balance nitrogen	2.5% (50% LEL) Methane/50 ppm CO/12% O2/balance nitrogen
81-0155HV-2	Methane/carbon monoxide/oxygen/ balance nitrogen	2.5% (50% LEL) Methane/50 ppm CO/17% O2/ balance nitrogen
54-9041	Methane/carbon monoxide/oxygen/ balance nitrogen	50% LEL/50 ppm CO/18% O2/ balance nitrogen
81-0078HV	Nitrogen	100%
81-0013HV	Pentane in air	50% LEL
81-0155HV-1	Pentane/carbon monoxide/oxygen/ balance nitrogen	50% LEL Pentane/50 ppm CO/12% O2/balance nitrogen
81-0004HV	Propane in air	1% (45% LEL)
54-9039	Zero air	20.9% oxygen in nitrogen
81-0076HV	Zero emission air	

