

Critical Purity Automatic Switchover System for Noncorrosive Gases

High-purity automatic switchover systems provide a continuous supply of high purity gas to the laboratory, process, or instrument, to allow you to replace a depleted gas source without interruption in the gas supply. Continuous gas supply is achieved by setting the two regulators at slightly different pressures and discharging one side of the system at a time. These models include flexible, all-stainless-steel pigtailed with armor casing. The CGA connection on each pigtail has a check valve in the gland to prevent contamination and minimize purging requirements.



Switching pressure: 200psig/170psig (1379/1172kPa)
 Inlet connections: flexible SS pigtailed (36")
 Line regulator: 0 to 100psig (0-689kPa)

Brass Automatic Switchover System with Line Regulator

	qty.	cat.#	price
CGA 580 (N ₂ , He, Ar)	ea.	20668580	
CGA 350 (H ₂ , P ₂)	ea.	20668350	
CGA 590 (Air)	ea.	20668590	

Stainless Steel Automatic Switchover System with Line Regulator

	qty.	cat.#	price
CGA 580 (N ₂ , He, Ar)	ea.	21593580	

Protocol Station

The protocol station is designed for convenient wall mounting of high-purity gas regulators. Wall mounting provides ease of use, prevents gas regulator damage, and improves safety. Either chrome-plated brass or 316 stainless steel option is complete with a 3-foot, flexible, all-stainless-steel pigtail with armor casing. The CGA connection on the pigtail has an integral check valve in the gland to prevent contamination during cylinder changeout.



Chrome-Plated Brass Protocol Station*

	qty.	cat.#	price
CGA 580 (N ₂ , He, Ar)	ea.	21347	
CGA 350 (H ₂ , P ₂)	ea.	21348	
CGA 590 (Air)	ea.	21349	

Stainless Steel Protocol Station*

	qty.	cat.#	price
CGA 580 (N ₂ , He, Ar)	ea.	21327	

*Pressure regulator not included. Order separately.



Cylinder Valve Wrench

This specially-designed wrench enables easy opening of cylinder valves that are fitted with a hand wheel. It is also suitable for removing difficult cylinder caps.

Description	qty.	cat.#	price
Cylinder Valve Wrench	ea.	21321	



Universal Cylinder Wrench

Use this versatile wrench for tightening gauges and gas regulator CGA fittings to cylinder outlets and pipe thread connections.

Description	qty.	cat.#	price
Universal Cylinder Wrench	ea.	21322	



Backpressure Gas Regulator

Capillary GC inlet systems have backpressure regulators to maintain a constant upstream pressure and rapidly respond to catastrophic leaks. The 0–60 psig (0-414 kPa) operating range is sufficient to operate a 105 m, 0.25 mm ID column at its optimum flow rate.

Description	qty.	cat.#	price
Backpressure Gas Regulator	ea.	20635	

MINICYL Regulator

This compact general purpose regulator has many laboratory applications including air-drying glassware, sparging or evaporating solutions, and controlling pneumatic valves. It is constructed of lightweight aluminum with an elastomer diaphragm. Includes a 0–60 psig (0-414 kPa) gauge and either 1/8- or 1/4-inch tube fittings.



Description	Fittings	qty.	cat.#	price
MINICYL Regulator	1/8" Fittings	ea.	20610	
MINICYL Regulator	1/4" Fittings	ea.	20611	



Cylinder Holders, Wall Mounted

Prevent serious injuries! These holders are designed to prevent free-standing gas cylinders from tipping over and injuring personnel. The cast aluminum holder can be secured to a wall or the side of a work bench. Each mount will secure a cylinder 4-15 inches in diameter.

Description	Size	qty.	cat.#	price
Cylinder Holder, Wall Mounted	Single	ea.	21333	
Cylinder Holder, Wall Mounted	Double	ea.	23400	
Cylinder Holder, Wall Mounted	Triple	ea.	23401	
Cylinder Holder, Wall Mounted	Four	ea.	23402	