

### Automatic Switchover System for Noncorrosive Gases (Critical Purity)

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: 200 psig/170 psig (1,379/1,172 kPa)  
Inlet connections: flexible SS pigtailed (36")  
Line regulator: 0 to 150 psig (0–1,034 kPa)



20668580

Brass Automatic Switchover System with Line Regulator	qty.	cat.#
CGA 580 (N <sub>2</sub> , He, Ar)	ea.	20668580
CGA 350 (H <sub>2</sub> , P <sub>2</sub> )	ea.	20668350
CGA 590 (Air)	ea.	20668590
Stainless Steel Automatic Switchover System with Line Regulator	qty.	cat.#
CGA 580 (N <sub>2</sub> , 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.



21347

Chrome-Plated Brass Protocol Station*	qty.	cat.#
CGA 580 (N <sub>2</sub> , He, Ar)	ea.	21347
CGA 350 (H <sub>2</sub> , P <sub>2</sub> )	ea.	21348
CGA 590 (Air)	ea.	21349
Stainless Steel Protocol Station*	qty.	cat.#
CGA 580 (N <sub>2</sub> , He, Ar)	ea.	21327

\*Pressure regulator not included. Order separately.

## Technical Service

Do you have a technical question? Restek's Technical Service group has answers! Drawing from our extensive libraries of technical information and many years of collective chromatography experience, the experts in Technical Service can help you from set-up to method development.

### Contact us:

For quick answers to commonly asked questions any time of the day, visit [www.restek.com/answers](http://www.restek.com/answers) or contact us directly:

**In the U.S.:** Phone: 1-800-356-1688, ext. 4 • e-mail: [support@restek.com](mailto:support@restek.com)

**Outside the U.S.:** Contact International Technical Service at [intltechsupp@restek.com](mailto:intltechsupp@restek.com) or find a local distributor at [www.restek.com/distributor](http://www.restek.com/distributor)



21321

### 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.#
Cylinder Valve Wrench	ea.	21321



21322

### 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.#
Universal Cylinder Wrench	ea.	21322



21333



23400

23401



23402

### 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.#
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



20635

### 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.#
Backpressure Gas Regulator	ea.	20635



20610

### 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	Max Inlet Pressure	qty.	cat.#
MINICYL Regulator	1/8" Fittings	300 psi	ea.	20610
MINICYL Regulator	1/4" Fittings	300 psi	ea.	20611