

Ultra-High-Purity Stainless Steel Body Gas Regulators

These regulators are the standard for ultra-high-purity and corrosion-resistant pressure regulation. They are more easily purged of atmospheric components, compared to brass gas regulators, making them ideal for the most demanding applications. Gas regulation performance is equal to our brass body gas regulators. For use in all-stainless steel systems where welded tubing and special fittings are used, and rigorous cleaning and proper gas management are practiced.

**Dual-Stage Ultra-High-Purity Stainless Steel Gas Regulators**

- Most stable outlet pressure control throughout the life of a high-pressure gas cylinder.
- Secondary pressure regulation not needed.

Outlet pressure: 0 to 100psig (0-689kPa)
 Outlet gauge: 30" – 0 to 200psig (0-1379kPa)
 Inlet gauge: 0 to 4000psig (0-27,579kPa)
 Outlet assembly: diaphragm valve, 1/4" tube fitting

| Fitting | qty. | cat.# |
|--|------|-------|
| CGA 580 (N ₂ , He, Ar) | ea. | 20662 |
| CGA 350 (H ₂ , P ₂) | ea. | 20663 |
| CGA 590 (Air) | ea. | 20664 |

Single-Stage Ultra-High-Purity Stainless Steel Gas Regulators

- Use when there is secondary pressure requirement downstream.
- Identical gas purity protection as with our dual-stage gas regulators.

Outlet pressure: 0 to 100psig (0-689kPa)
 Outlet gauge: 30" – 0 to 200psig (0-1379kPa)
 Inlet gauge: 0 to 4000psig (0-27,579kPa)
 Outlet assembly: diaphragm valve, 1/4" tube fitting

| Fitting | qty. | cat.# |
|--|------|-------|
| CGA 580 (N ₂ , He, Ar) | ea. | 20665 |
| CGA 350 (H ₂ , P ₂) | ea. | 20666 |
| CGA 590 (Air) | ea. | 20667 |

**Critical Purity Automatic Switchover System for Noncorrosive Service**

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 supply of gas. Continuous supply is achieved by setting the two regulators at slightly different pressures, to discharge 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.# |
|---|------|----------|
| 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.# |
| CGA 580 (N ₂ , He, Ar) | ea. | 21593580 |
| CGA 350 (H ₂ , P ₂) | ea. | 21593350 |
| CGA 590 (Air) | ea. | 21593590 |

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.# |
|--|------|-------|
| 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.# |
| CGA 580 (N ₂ , He, Ar) | ea. | 21327 |
| CGA 350 (H ₂ , P ₂) | ea. | 21328 |
| CGA 590 (Air) | ea. | 21329 |

*Pressure regulator not included. Order separately.