

Internally Coated Single Stage Regulator

Description: This low internal volume single stage regulator provides limit surface contact time, which allows for a faster sample cycle and less gas being wasted during purging. The Silconert 2000 treatment in the wetted area of the regulator eliminates compounds from sticking or adsorbing to the surface, providing the accuracy and reliability to the analytical testing results. This Silconert 2000 is desired over standard 316L stainless steel and ideally suited for H₂S, reduced Sulfur, Mercury and PPM to PPB calibration mixtures.

Silconert 2000 Treated

PRESSURE REGULATORS



Specifications	
Maximum Rated Inlet Pressure	3,000 psig
Outlet Pressure Ranges	1-15, 2-30, 3-100 psig
Ambient Operating Temperature	-40° F to +140°F
Flow Capacity	Cv=0.02
Internal Volume	3 cc (minus the gauges)
Weight	1 lb
Outlet Connection	1/8" NPT female

Design Features

- Silconert 2000 treatment eliminates compounds from “sticking” or adsorbing to the internal wetted components in the regulator
- Low internal volume allows for shorter purging time
- Compact and light weight regulator allows for easier transportation

Materials	
Body	316L Stainless Steel
Bonnet	Nickel Plated Brass
Seat	PCFFE
Diaphragm	Hastelloy C-22
Gauges	1 1/2" Stainless Steel
Filter	316L Stainless Steel

Ordering Information					
Product Number	Material	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Inlet Gauge Range (psig)	Delivery Gauge Range (psig)
Y11-SN700A-CGA	316 SS	3000	15	0-3000	0-30
Y11-SN700B-CGA	316 SS	3000	30	0-3000	0-60
Y11-SN700D-CGA	316 SS	3000	100	0-3000	0-160