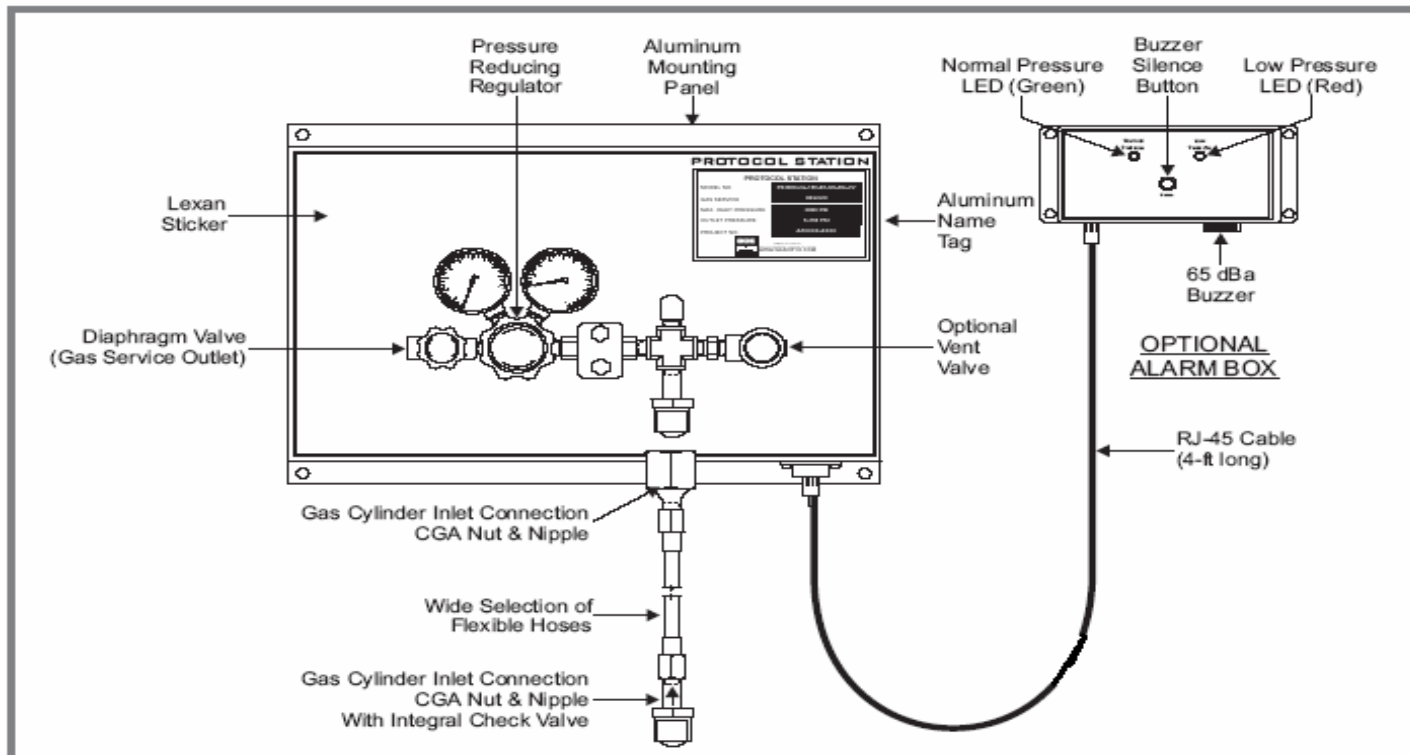




# WESTERN INNOVATOR

## PS3000 High Purity Protocol Station



### Description

The PS3000 Series Protocol station is a convenient and safe way to panel mount any type of regulator, its flexible hose and an optional remote alarm. This regulator panel concept allows easier cylinder changeouts, prevents regulator damage, and allows additions of options such as purge valves and alarms. The check valve in the flexible pigtail minimizes introduction of air and airborne contaminants into the system. The optional remote alarm will provide an audible and visual warning when the cylinder is near depletion.

### Standard Features

- **High Purity** - Equipment components are designed, cleaned, and built to maintain gas purity.
- **Wide Selection of Regulator and Pigtails** - Customized equipment to suit any application.
- **Mounting Panel** - Professional look, easy cylinder changeouts, prevents cylinder damages.
- **Integral Check Valve in the Flexible Pigtail** - Prevents system contamination.
- **Optional Remote Alarm** - Provides audible and visual indication when a cylinder is depleted.

### How To Order - Part Number Matrix

Series	Gas	Outlet Pressure	Regulator	Flexible Pigtail	Options
(inlet pressures)	Air = Air Nitrogen = N2 Helium = He Hydrogen = H2	1 - 15 =15 2-30 =30 4-75 =75 10-150 =150 20-300 =300 30-500 =500 Other: Please specify	Single-Stage Version Brass = B1 SS = S1  Two-Stage Version Brass = B2 SS = S2	Thermoplastic =NH Steel Fittings  Teflon innercore = TH SS braid, Brass fittings  SS innercore = SH SS braid, SS fittings	Standard Alarm = RA Radio Frequency = RF Remote Alarm Purge Valve = PV Hose Armor = AG Guard Hand Tight Nut = HT
Standard Series 3000 psi = PS3000					
Optional Series 4500 psi = PS4500 6000 psi = PS6000	Most specialty gases can be specified including Acetylene and LPG				

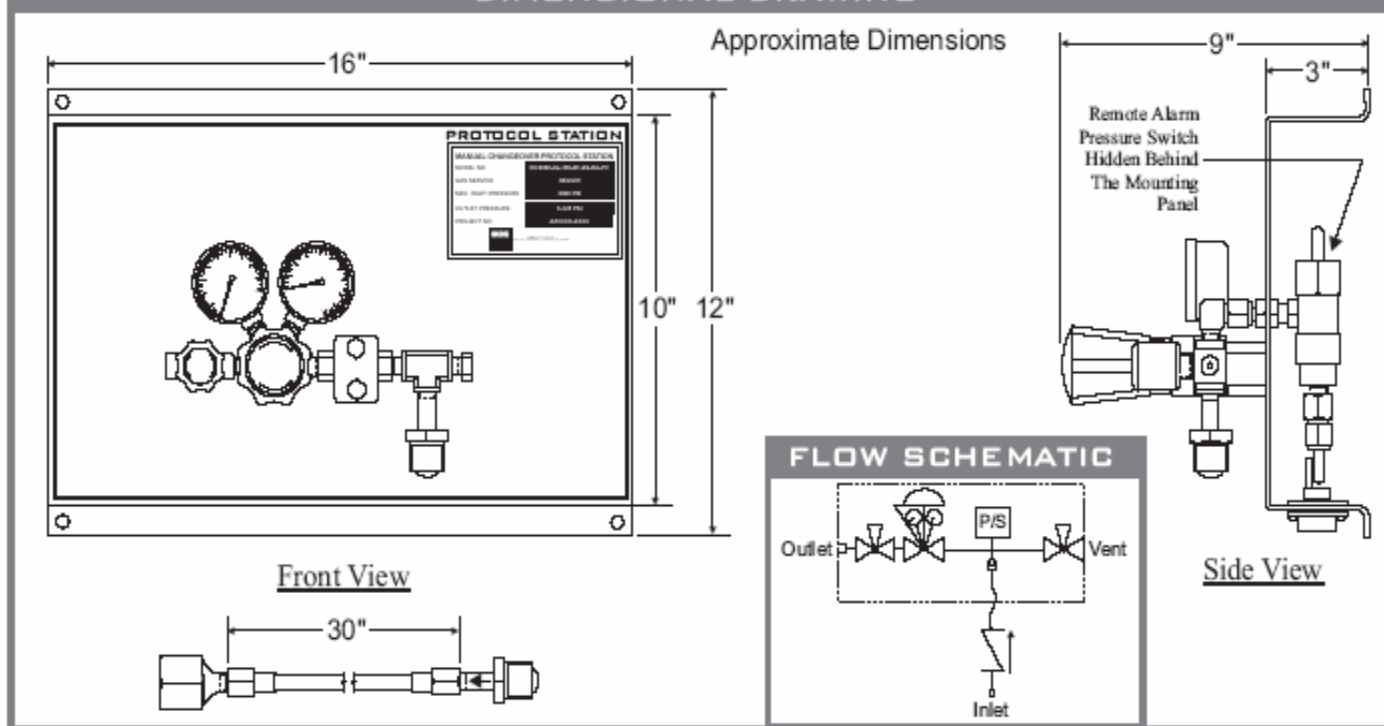
When stainless steel regulators are selected, all fittings, gauges and pressure switches come automatically in stainless steel



# WESTERN INNOVATOR

## PS3000 High Purity Protocol Station

### DIMENSIONAL DRAWING



### STANDARD SPECIFICATIONS AND MATERIALS OF CONSTRUCTION

Model	PS3000 Series Brass Construction	PS3000 Series All Stainless Steel Construction
Maximum Inlet Pressure	3000 psig	3000 psig
Outlet Pressure Range	See Selection Matrix	See Selection Matrix
Inlet Connection Fitting	Gas Related Brass CGA Nut & Nipple	Gas Related Type 316 Stainless Steel CGA Nut & Nipple
Gas Service Outlet Connection	1/4" F.NPT	1/4" F.NPT
Purge Valve Outlet Connection	1/4" M.NPT	1/4" M.NPT
Operating Temperature	-40°F to 140°F	-40°F to 140°F
Pressure Gauge Dial & Material	2"-Dial, Brass	2"-Dial, Type 316 Stainless Steel
Fitting Size & Material	1/4" NPS, Brass	1/4" NPS, Type 316 Stainless Steel
Pressure Regulator & Outlet Valve		
Body	Brass Bar Stock	Type 316L Stainless Steel Bar Stock
Diaphragm	Type 304 Stainless Steel	Type 316L Stainless Steel
Filter	10-micron	40-micron
Seats	Nickel-Plated Sintered Bronze	Type 316L Stainless Steel
Seals	PCTFE	PCTFE
Seals	Teflon	Teflon
Vent Valve		
Body	Forging Brass UNS 37700	Type 316 Stainless Steel
Seats	Nylon, Zytel 101 or Celanese 1000-1	PFA
Seals	Virgin Teflon	PFA

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