

## ■ HP 743 High Purity – Stainless Steel Barstock



A stainless steel pipeline regulator for pipeline and other Z applications up to 3000 PSIG inlet pressure.

The Model HP 743 is suitable for:

- Corrosive gas applications
- High purity gas applications
- Research sample systems gases
- Process analyzers gases
- Gas chromatography gases
- EPA protocol mixer gases
- Laser gas systems
- Emission monitoring systems gases

**Recommended for corrosive gases or purity levels of Grade 6.0 (99.9999) and higher.**

### MATERIALS

Body	316L Stainless Steel Barstock
Bonnet	Chrome Plated Brass Barstock
Diaphragm	316L Stainless Steel
Nozzle	316L Stainless Steel
Seat	PTFE Teflon
Seals	PTFE Teflon
Filter	Sintered Stainless Steel - 10 Micron
Seat Return Spring	316L Stainless Steel
Adjusting Knob	ABS Plastic

### FEATURES

- 1-11/16" 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- One piece encapsulated seat design includes a sintered filter to protect the seat from particulate contamination
- Chrome plated bonnet, 316L body and fittings
- 2" stainless steel dual scale gauges (psi/bar)
- 1 x 10<sup>-9</sup> cc/sec. inboard helium leak rate maintains gas purity levels
- Maximum inlet 3000 PSIG
- Front or back panel mountable

### Related Options

Captured Vent Kit P/N: 9100875

Front Panel Mount Kit P/N: 9100871

### ORDERING INFORMATION

HP \_ \_ \_ \_ \_ xxx - xxx - xx - xxxxx

MODEL NUMBER	DELIVERY PRESSURE (OUTLET GAUGE)	CGA INLET	OUTLET FITTING	ASSEMBLY/OPTIONS
HP 743	0-15 psi (30" Hg Vac-30 psi/2 bar)	000 (1/4" FNPT)	A) Diaph. Valve (F) 1/4"	2) He Leak Cert. (Inboard)
	0-50 psi (30" Hg Vac-100 psi/7 bar)	001 (1/4" MNPT)	B) 1/4" MNPT	
	0-125 psi (30" Hg Vac-200 psi/14 bar)		C) 1/4" FNPT Port	3) No Gauges
	0-250 psi (400 psi/28 bar)		D) 1/4" Tube Fitting	4) With Relief Valve
	0-500 psi (1000 psi/70 bar)		E) 1/8" Tube Fitting	5) He Leak Cert. (Outboard)