

HP 701

High Purity - Chrome Plated Brass Regulator



Model HP 701-050-580-BE shown

A chrome plated single stage cylinder regulator with a stainless steel diaphragm for general laboratory use. The HP 701 can be used when a slight pressure rise from full to empty cylinder can be tolerated. The HP 701 is suitable for:

- ▶ Non-corrosive gases
- ▶ Purging
- ▶ Pressure testing
- ▶ Blanketing

Recommended for gas purity up to Grade 5.0 (99.999).

MATERIALS

Body	Chrome Plated Brass
Bonnet	Chrome Plated Die Cast
Diaphragm302 Stainless Steel
Nozzle	Brass
SeatPTFE Teflon
SealsPTFE Teflon
FilterNickel-Plated Sintered Bronze - 10 Micron
Seat Return SpringPH-17 Stainless Steel
Adjusting KnobABS Plastic

FEATURES

- ▣ 2 1/8" 302 stainless steel diaphragm eliminates contamination from diffusion or outgassing
- ▣ One-piece encapsulated seat design to protect seat from particulate contamination
- ▣ Chrome plated bonnet, body and fittings
- ▣ 2" chrome plated dual scale gauges (psi/bar)
- ▣ External relief valve standard
- ▣ 1 x 10⁻⁸ cc/sec. inboard helium leak rate maintains gas purity levels
- ▣ Maximum inlet pressure 3000 PSIG except for models with CGA 300 and 510 and equipped with 400 PSIG inlet gauge

HP 701 ORDERING INFORMATION

HP 701 - XXX - XXX - XXXX - XXX

MODEL NO.	DELIVERY PRESSURE		CGA INLET FITTING		ACCESSORIES	OPTIONS
	DELIVERY	(OUTLET GAUGE)				
HP 701	0-15 PSIG	(30" Hg Vac-30 psi/2 bar)	280	350	A) 1/4" MNPT Needle Valve	1) Without Relief Valve
	0-50 PSIG	(30" Hg Vac-100 psi/7 bar)	296	500	B) 1/4" FNPT Diaph. Valve	2) No Gauges
	0-125 PSIG	(30" Hg Vac-200 psi/14 bar)	300	510	C) 1/4" MNPT Nipple	6) 400 psi inlet gauge
	0-250 PSIG	(400 psi/28 bar)	320	540	D) 1/4" FNPT Port	Gas Service Must be Specified
			326	580	E) 1/4" Tube Fitting	
			346	590	F) 1/8" Tube Fitting	
			000 (1/4" FNPT)		G) 1/4" MNPT Hose Barb	
			001 (1/4" MNPT)		H) 1/8" MNPT Hose Barb	
					I) 1/4" FNPT Hose Barb	
					J) 1/4" FNPT Needle Valve	
					K) Single Regulator Alarm	
					L) SG 910 BR Regulator Mounting Station	