

# 492 Series Single Stage High Pressure, Chrome-plated Brass Scientific Reg



The 492 Series regulators are intended for primary pressure control of non-corrosive gases at a maximum inlet pressure of 6000 PSI.

- Pressure ranges of 0-750 to 0-6000 PSI are available to cater for a broad range of applications
- Chrome plated brass bar stock body for a smoother surface finish
- Front and rear panel mountable for versatility of configurations
- Six port design allows for flexibility of installation alternatives
- Capsule seat design for greater serviceability and life
- Large piston sensor for safely control high pressures
- Leak test certificate

## Specifications:

**Max. Inlet Pressure:** 5500 PSI (380 BAR)  
6000 PSI option

**Gauges:** 2 ½" diameter chrome plated brass

**Temperature Range:** -40° C to 60° C

**Body Ports:** ¼" FPT

**Helium Leak Integrity:** 1 x 10<sup>-9</sup> scc/sec ???

**Cv:** 0.1

**Weight:** 2.6 kg

## Materials:

**Body:** Chrome plated brass bar stock

**Bonnet:** Chrome plated brass bar stock

**Seat:** PCTFE  
(PEEK 6000 PSI not for oxygen)

**Filter:** 10 micron sintered bronze

**Piston:** Brass bar stock

**Internal Seals:** Viton

## ORDERING INFORMATION

S492 - XXX - XXX - XXX - XX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
492	750 (0-750 psi)	T10 (AS2473 Type 10)	4F (1/4" NPT Female)	Inlet Purge
	1500 (0-1500 psi)	T11 (AS2473 Type 11)	4M (1/4" NPT Male)	Panel Mount Kit
	2500 (0-2500 psi)	T20 (AS2473 Type 20)	2S (1/8" Tube)	Wall Mount Bracket
	3500 (0-3500 psi)	T30 (AS2473 Type 30)	4S (1/4" Tube)	
	4500 (0-4500 psi)	T50 (AS2473 Type 50)	8S (1/2" Tube)	
	5500 (0-5500 psi)	T51 (AS2473 Type 51)	FA (Fine Adjust Valve)	
		T60 (AS2473 Type 60)	<b>Others by description</b>	
		4F (1/4" Female NPT)		
		4M (1/4" Male NPT)		
		<b>Others by description</b>		