

HPI 300TP

High purity - bench mounted point of use

Model HPI 300TP is a bench mounted point of use regulator available in chrome plated brass (HPI 300TPC) or stainless steel (HPI 300TPS) barstock for pressure control of non-corrosive gases.

APPLICATIONS:

- High purity gas applications
- Research sample systems gases
- Gas chromatography
- Calibration gas
- Process analyzer gases

FEATURES:

- Recommended for non-corrosive gases purity levels up to grade 6.0 (99.9999)
- Ready to install bench mounting panel, modular design
- 1 inlet port configuration - bottom
- 1 outlet port configuration - bottom
- 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- Diaphragm inlet shut-off valves
- HPI 300TPC - chrome plated body, bonnet and fittings
- HPI 300TPS - 316L stainless steel body, bonnet and fittings
- 1×10^{-9} mbar l/s He inboard helium leak rate to maintain gas purity levels
- Inlet / outlet - 1/4" FNPT
- Maximum inlet pressure 60 bar (870 psig)
- Cleaned for oxygen service

TECHNICAL DATA:

Regulator type	Single stage
Purity	Up to 6.0
Inlet pressure	Max. 60 bar (780 psi)
Outlet pressure	2/4/10 bar (29/58/145 psi) 20 bar (290 psig)
Flow capacity	Cv = 0,12
Oxygen use	Suitable

MATERIALS:

Body, bonnet	316L stainless steel barstock or chrome plated brass barstock
Diaphragm (regulator)	Hastelloy®*C276
Diaphragm (valve)	Hastelloy®*C276
Nozzle	316L stainless steel
Seat	PEEK
Seals O-ring	Viton®** (FKM)
Filter	SS 316L
Adjusting Knob	ABS plastic



Model shown with additional accessories to be ordered separately

* Hastelloy® is a registered trademark name of Haynes International, Inc
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