

HPI 200P

High purity manual switchover supply panel

The HPI 200P is a manual switchover high purity gas supply panel that prevents downtime by manually switching gas supply from the primary cylinder bank to the reserve cylinder bank. Manual adjustment of the individual regulator allow the user to set downstream pressure. The system includes purge function. Designed for applications where a slight rise in delivery pressure from full to empty cylinder can be tolerated or as first stage of pressure reduction.

APPLICATIONS:

- Laboratory pressure control
- Research sample systems gases
- Component testing
- Petrochemical industry
- Emission monitoring systems
- Controlled atmosphere
- Service & test equipment

FEATURES:

- Recommended for non-corrosive gases purity levels up to grade 6.0 (99.9999)
- Wall mounting panel and brackets included
- Ready to install wall mounting panel
- 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- Purge function and diaphragm shut-off valves for the best results
- Possible to connect 2 gas cylinders or gas cylinder and a gas for purging operation
- HPI 200PC - chrome plated body, bonnet and fittings
- HPI 200PS - 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 300 bar (4350 psig)
- External relief valve standard
- Cleaned for oxygen service

TECHNICAL DATA:

Panel type	Manual switchover supply panel
Regulator type	Single stage
Purity	Up to 6.0
Inlet pressure	Max. 300 bar (4350 psi)
Outlet pressure	2/4/10/20 bar (29/58/145/290 psi) 50/100/200 bar (720/1450/2900 psig)
Purge function	Yes
Oxygen use	Suitable

MATERIALS:

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

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

**Elgiloy® a registered trademark of Elgiloy Specialty Metals

*** Viton® is a registered trademark of The Chemours Company



Model shown with additional accessories to be ordered separately

RELATED OPTIONS:

4302085	ALARM, 1 connection
4302086	ALARM, 2 connections
4302087	ALARM, 4 connections
4302088	ALARM, 6 connections
4302089	ALARM, 10 connections



EXTENSIONS:



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