### ■ HPI 300P

## High purity semi-automatic switchover supply panel

The HPI 300P is a semi-automatic high purity switchover panel which prevents downtime by automatically switching gas supply from the primary cylinder bank to the reserve cylinder. The user resets the primary bank by turning the knob. Outlet pressure is factory pre-set.

### APPLICATIONS:

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



Model shown with additional accessories to be ordered separately

#### **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 300PC chrome plated body, bonnet and fittings
- HPI 300PS 316L ctainless steel body, bonnet and fittings
- 1x10<sup>-9</sup> mbar I/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	Semi-automatic 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)
Purge function	Yes
Oxygen use	Suitable

### **MATERIALS:**

316L stainless steel barstock or chrome plated brass barstock
Hastelloy®*C276
Elgiloy®**
316L stainless steel
PEEK
Viton®*** (FKM)
SS 316L
Aluminium

<sup>\*</sup> Hastelloy® is a registered trademark name of Haynes International, Inc

## 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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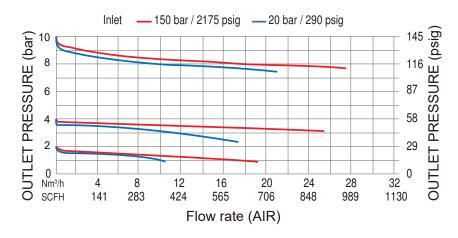
<sup>\*\*</sup>Elgiloy® a registered trademark of Elgiloy Specialty Metals

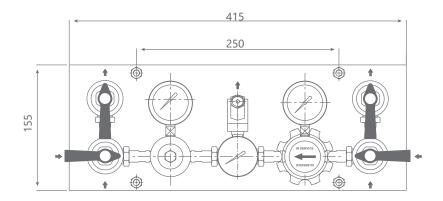
<sup>\*\*\*</sup> Viton® is a registered trademark of The Chemours Company

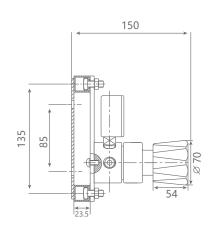
# **SPECIFICATIONS:**

Inlet / outlet ports	1/4" FNPT
Weight	4,8 kg
Temperature range	-30°C to +74°C

# FLOW CHART: HPI 300P







## ORDERING INFORMATION:

MODEL	MATERIAL
HPI 300PC	Chrome plated brass
HPI 300PS	Stainless steel

OUTLET PRESSURE		GAS TYPE
2 bar 29 psig	029	Please specify
4 bar 58 psig	058	
10 bar 145 psig	145	
20 bar 290 psig	290	

For example:

 ${\rm HPI\,300PC} \hspace{1.5cm} 290 \hspace{1.5cm} {\rm N_2}$ 

