TECNOCRYO

GAS SUPPLY PANELS



MATERIALS	
Body, bonnet	316L stainless steel barstock LHPI 100PS or chrome plated brass barstock LHPI 100PC
Diaphragm (regulator)	Hastelloy® * C276
Diaphragm (valve)	Elgiloy®**
Nozzle	316L stainless steel
Seat	PEEK
Seals O-ring	Viton®***(FKM)
Filter	SS 316L
Adjusting Knob	ABS plastic

* 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

LHPI 100P | HIGH PURITY - ONE SIDE **SUPPLY PANEL**

The HPI 100P is a high purity gas supply panel. Manual adjustment of the regulator allow set a pressure. System include 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:

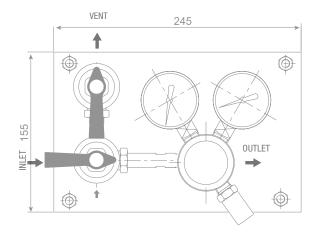
- Laboratory pressure control;
- Research sample systems gases; •
- Component testing; •
- Petrochemical industry;
- Emission monitoring systems;
- Controlled atmosphere;
- . Service & test equipment.

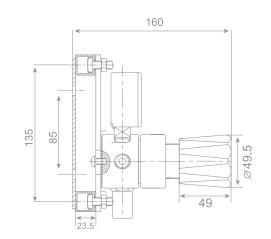
FEATURES:

- . 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;
- Metal 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 100PC chrome plated body, bonnet and fittings; .
- HPI 100PS 316L stainless steel body, bonnet and fittings; •
- 1x10⁻⁹ 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;
- . Tested for use with oxygen.

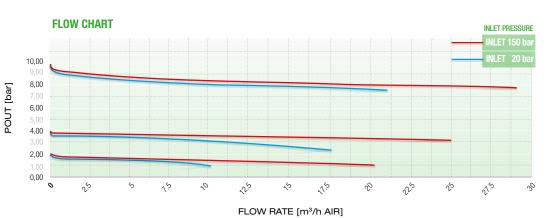
TECHNICAL DATA		
Panel type	One side	
Regulator type	Single stage	
Purity	Up to 6.0	
Inlet pressure	Max. 300 bar (4350 psi)	
Outlet pressure	2/4/10/20 bar (29/58/145/290 psi) 50/100/200 bar (720/1450/2900 psig)	
Purge function	Yes	
Oxygen use	Suitable	

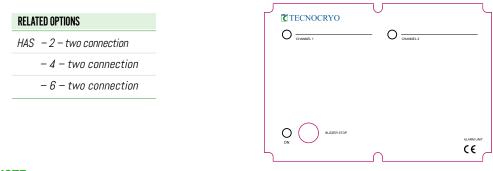
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SPECIFICATION		
Inlet / outlet ports	1/4" NPT-F	
Weight	3,3 kg	
Temperature range	-30°C to +74°C	





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