



TECH MASTER GPM4200 SERIES

4.5 Purity Two Stage Brass Barstock Piston Manual Change Gas Control Panel

The Tech Master GPM4200 series two stage manual change control panels are designed for primary pressure gas control of non-corrosive or toxic, technical gases up to grade 4.5 purity (99.995%), on gas distribution systems where constant delivery pressure is required.

- **GPM4221 Series** | Two Stage Single Cylinder Piston Manual Gas Change Control Panel, FKM Seal
- **GPM4222 Series** | Two Stage Single Cylinder Piston Manual Gas Change Control Panel, EPDM Seal
- GPM4241 Series | Two Stage Twin Cylinder Piston Manual Gas Change Control Panel, FKM Seal
- **GPM4242 Series** | Two Stage Twin Cylinder Piston Manual Gas Change Control Panel, EPDM Seal

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FEATURES

High pressure isolation valves

Two stage pressure regulation

Process line isolation valve

Encapsulated seat design

Single and twin cylinder configuration



MATERIALS

Body	Brass Barstock			
Bonnet	Brass Barstock			
Piston	Brass			
Seal	FKM / EPDM			
Seat	Polyamide (Nylon®)			
Filter	10 Micron 316L Stainless Steel			

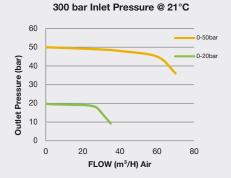
* Subject to cylinder connection. **** Subject to final configuration.

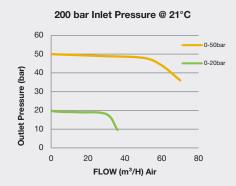
SPECIFICATION

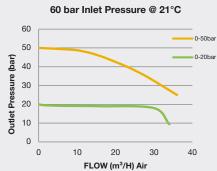
Maximum Inlet Pressure	60 bar (870 PSI) / 300 bar (4350 PSI)*		
Delivery Pressure Range	20 bar (300 PSI) / 50 bar (725 PSI)		
Gauges	50mm (2") Diameter		
Ports	1/4" NPT Female		
Temperature Range	-20° C to +60° C (-4° F to +140° F)		
Flow Coefficient (Cv)	0.078		
Weight	5.00kg (11.02 lbs)****		

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FLOW PERFORMANCE

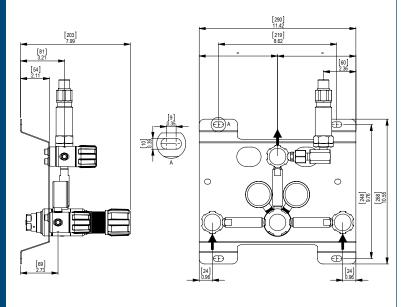


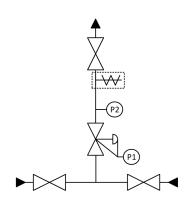






PROCESS & INSTRUMENTATION





- Isolation Valve

Adjustable Pressure Regulator with P1 Pressure Gauge

—№ - P2 Pressure Gauge

- Pressure Relief Valve] - Denotes a Configurable Option

Model No. Selector Guide									
Product Type	Inlet Pressure	Outlet Pressure	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options		
GPM4221	02 60 bar / 870 PSI	07 -1 - 20 bar / 300 PSIG	00 No Gauge Fitted	00 No Gauge Fitted	000 No Inlet Fitted	00 No Outlet Fitted	A No Options Selected		
GPM4222	04 300 bar / 4350 PSI	10 -1 - 50 bar / 725 PSIG	01 bar/PSI	01 bar/PSI	001 1/8 Stainless Steel Compression	01 1/8 Stainless Steel Compression	F Bonnet Vent Capture Kit		
GPM4241			02 bar/PSI Contact Gauge		002 1/4 Stainless Steel Compression	02 1/4 Stainless Steel Compression	K Certificate of Conformity		
GPM4242					003 6mm Stainless Steel Compression	03 6mm Stainless Steel Compression	M CO2 Burst Disc		
					004 1/4 NPT Male	04 1/4 NPT Male	P Calibration / Pressure Test Certificate		
					007 G3/8 BSP R/H Brass Male	07 G3/8 BSP R/H Brass Male	R Fitted Pipeline Pressure Relief Valve, FKM Seal		
					008 G3/8 BSP L/H Brass Male	08 G3/8 BSP L/H Brass Male	S Fitted Pipeline Pressure Relief Valve, EPDM Seal		
							T Fitted High Pressure Purge Facility, FKM Seal		
							U Fitted High Pressure Purge Facility, EPDM Seal		
							X Special Instruction		