Gas Control Equipment

Tech Master GPM4230 Series

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



The Tech Master GPM4230 series single stage twin cylinder 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 slight pressure variation is acceptable.

- **GPM4231** Series | Single Stage Twin Cylinder Piston Manual Gas Change Control Panel, FKM Seal
- **GPM4232** Series | Single Stage Twin Cylinder Piston Manual Gas Change Control Panel, EPDM Seal

FEATURES

- High pressure isolation valves
- Single stage pressure regulation
- Process line isolation valve
- Encapsulated valve design
- Twin cylinder configuration

MATERIAL

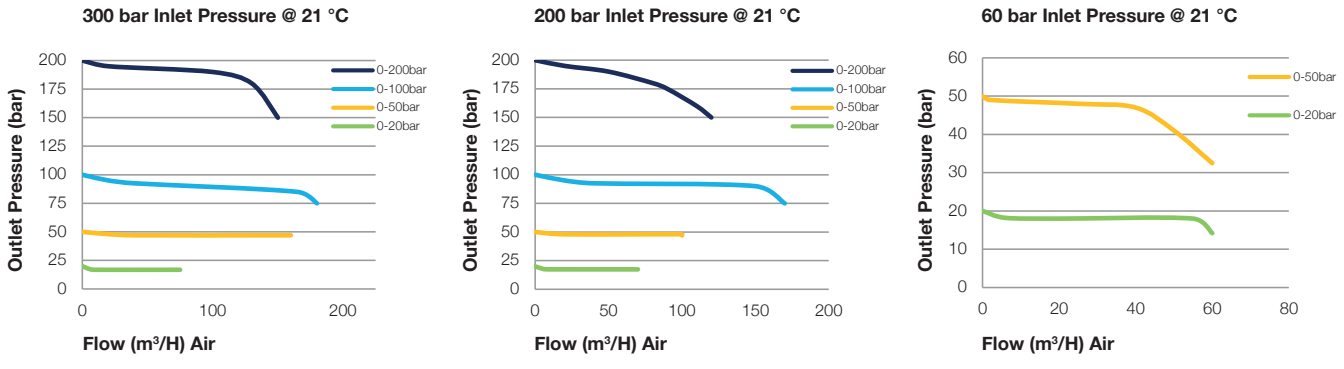
Body	Brass Barstock
Bonnet	Brass Barstock
Piston	Brass
Seal Option	FKM / EPDM
Valve Seat	Polyamide (Nylon®)
Filter	10 Micron 316L Stainless Steel

SPECIFICATION

Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
Delivery Pressure Range	20 bar (300 PSI) 50 bar (725 PSI) 100 bar (1450 PSI) 200 bar (2900 PSI)
Gauges	50mm (2”) Diameter
Ports	1/4” NPT Inlet
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Weight	5.00 kg (11.02 lbs) ****

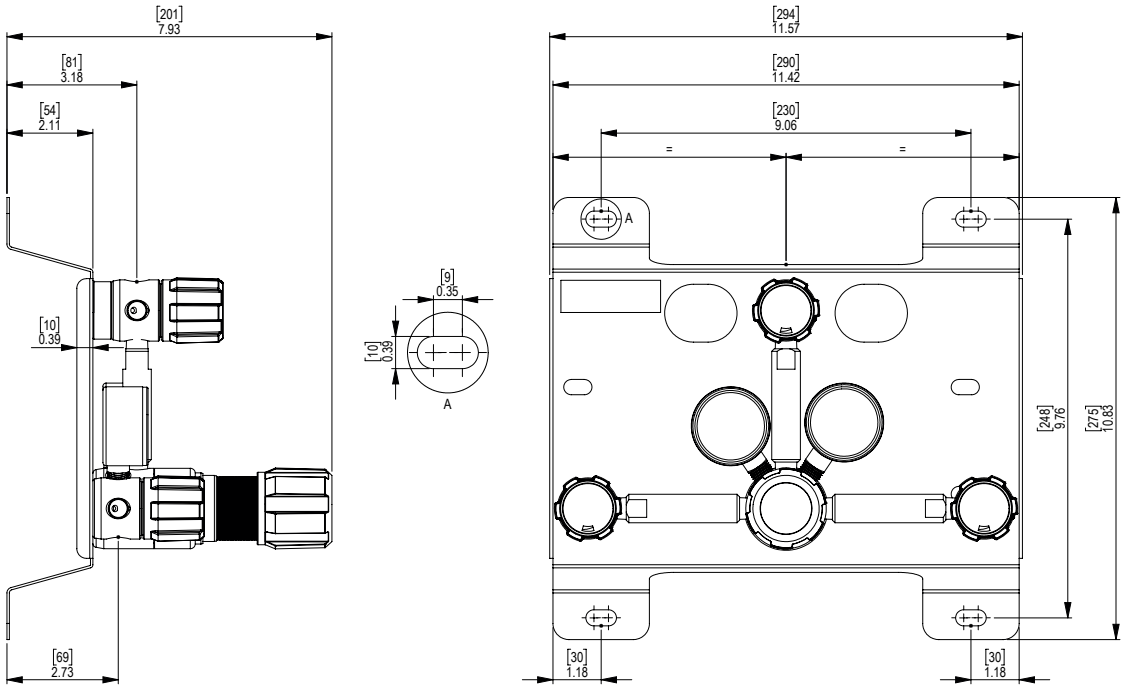
** Subject to Cylinder Connection **** Subject to final configuration*

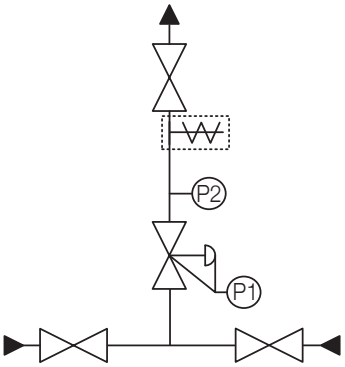
FLOW PERFORMANCE

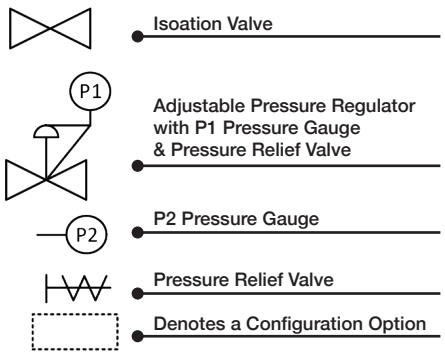


We do everything we can to ensure that the technical information within this document is correct at time of publishing, however content may be changed without notice.

DRAWINGS







MODEL NO. SELECTOR GUIDE

Example for a Model No. for GPM4230 Series

GPM4231-	02-	07-	01-	01-	000-	00-	A

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet/Cylinder Connection	Outlet Connection	Options
GPM4231	**02** 60 [870]	**07** 0 to 20 [870]	**00** No Gauge Fitted	**00** No Gauge Fitted	**000** 1/4 NPT Female	**00** 1/4 NPT Female	**A** No Options Selected
GPM4232	**04** 300 [4350]	**10** 0 to 50 [725]	**01** bar/PSI	**01** bar/PSI	**001** 1/8 Stainless Steel Compression	**01** 1/8 Stainless Steel Compression	**F** Bonnet Vent Capture Kit
		11 0 to 100 [1450]	**02** bar/PSI Contact Gauge		**002** 1/4 Stainless Steel Compression	**02** 1/4 Stainless Steel Compression	**K** Certificate of Conformity (CoC)
		12 0 to 200 [2900]			**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
					008 G3/8 BSP L/H Brass Male	**08** G3/8 BSP L/H Brass Male	**T** Fitted High Pressure Purge Facility, FKM Seal
							U Fitted High Pressure Purge Facility, EPDM Seal
							X Special Instruction

GCE® Gas Control Equipment

CK Isotopes Ltd, Office 1&2, The Stables,
Newtown Grange Farm Buisness Park,
Desford Road, Newtown Unthank,
Leicestershire, LE9 9FL

WWW.GASCONTROLEQUIPMENT.CO.UK - Tel: 01455 360180 - Email: SALES@CK-GCE.CO.UK

GASARC BY GCE SPECIALITY

Headoffice / Factory UK
Gas-Arc Group Limited
Vinces Road | Diss | Norfolk | IP22 4WW | UK