Gas Control Equipment

Spec Master HPD6230 Series

6.0 Purity Single Stage Nickel Plated Brass Barstock Piston Differential Autochange Gas Control Panel



The Spec Master HPD6230 Series single stage differential autochange control panels are designed for primary pressure gas control of non-corrosive or toxic, high purity gases up to grade 6.0 purity (99.9999%), on gas distribution systems where slight pressure variation is acceptable.

- **HPD6231** Series | Single Stage Twin Cylinder Piston Differential Autochange Gas Control Panel, FKM Seal
- **HPD6232** Series | Single Stage Twin Cylinder Piston Differential Autochange Gas Control Panel, EPDM Seal

FEATURES

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

MATERIAL

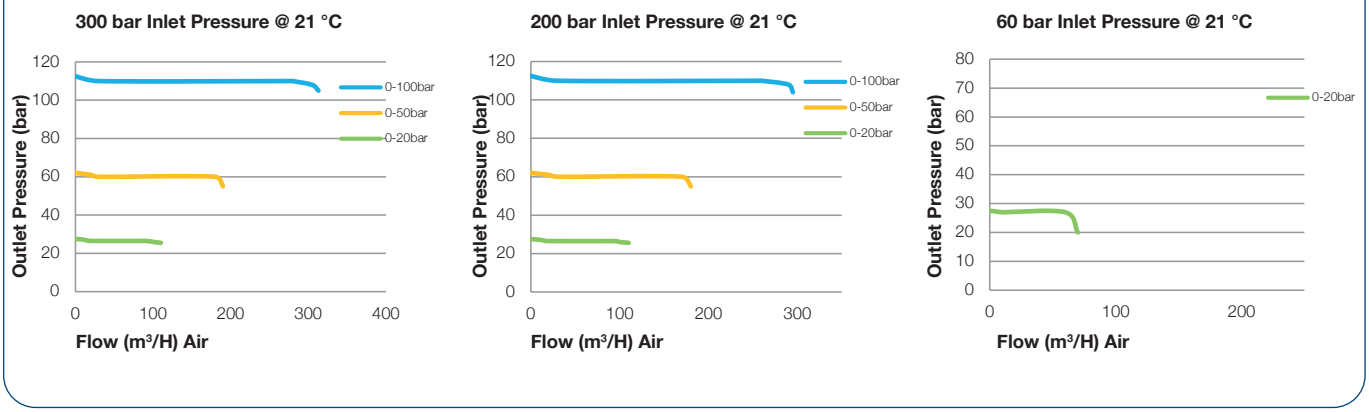
Body	Nickel Plated Brass Barstock
Bonnet	Nickel Plated Brass Barstock
Piston	Brass
Seal	FKM / EPDM
Valve Seat	PCTFE
Filter	10 Micron 316L Stainless Steel

SPECIFICATION

Maximum Inlet Pressure	60 bar (870 PSI) 300 bar (4350 PSI) *
Delivery Pressure Range	20 bar (290 PSI) Minimum 50 bar (725 PSI) Minimum 100 bar (1450 PSI) Minimum
Gauges	50mm (2") Diameter
Ports	1/4" NPT Female
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Helium Leak Integrity	$1x10^{-9}$ mbar l/s
Weight	8.00 kg (17.64 lbs) ****

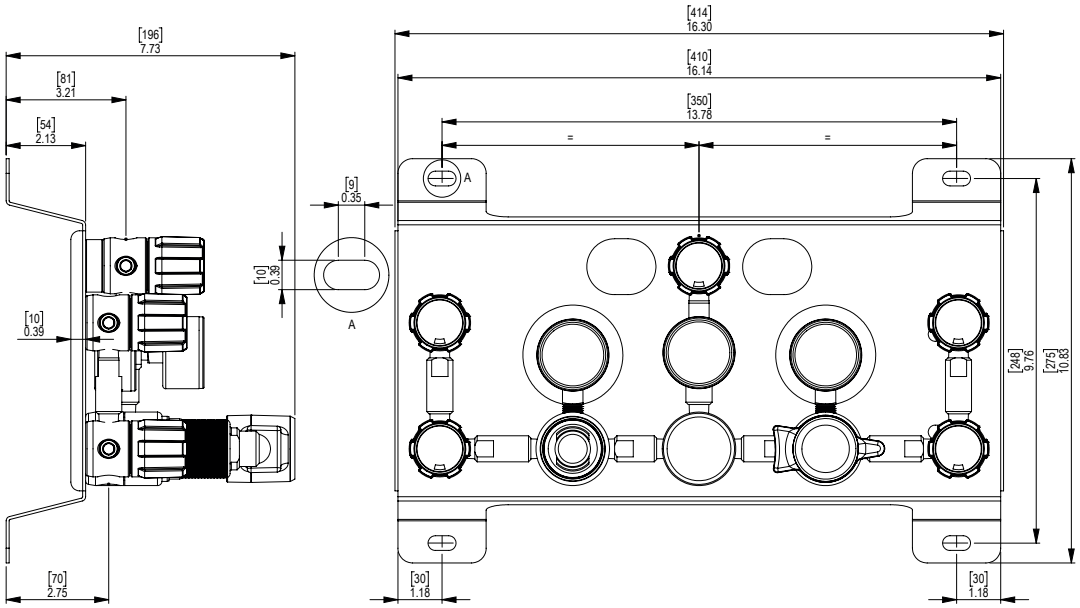
** Subject to cylinder connection – **** Subject to final configuration*

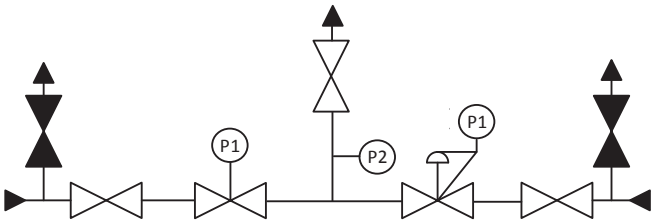
FLOW PERFORMANCE

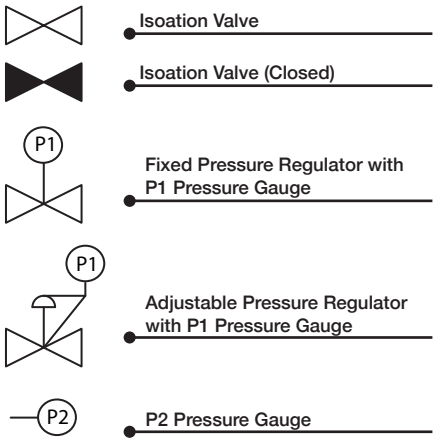


We do everything we can to ensure that the technical information within this document is correct at time of publishing, however content may be changed without notice.

DRAWINGS







MODEL NO. SELECTOR GUIDE

Example for a Model No. for HPD6230 Series

HPD6231- 02- 07- 00- 00- 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
HPD6231	**02** 60 [870]	**07** 20 [300] Min	**00** No Gauge Fitted	**00** No Gauge Fitted	**000** 1/4 NPT Female	**00** 1/4 NPT Female	**A** No Options Selected
HPD6232	**04** 300 [4350]	**10** 50 [725] Min	**01** bar/PSI	**01** bar/PSI	**001** 1/8 Stainless Steel Compression	**01** 1/8 Stainless Steel Compression	**F** Bonnet Vent Capture Kit
		11 100 [1450]	**02** bar/PSI Contact Gauge		**002** 1/4 Stainless Steel Compression	**02** 1/4 Stainless Steel Compression	**G** Helium Test Certificate
					003 6mm Stainless Steel Compression	**03** 6mm Stainless Steel Compression	**K** Certificate of Conformity (CoC)
					004 1/4 NPT Male	**04** 1/4 NPT Male	**M** CO2 Burst Disc
					007 G3/8 BSP R/H Brass Male	**07** G3/8 BSP R/H, Brass, Male	**P** Calibration/ Pressure Test Certificate
					008 G3/8 BSP L/H Brass Male	**08** G3/8 BSP L/H, Brass, Male	**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