Gas Control Equipment

Chem Master SGC6200 Series

6.0 Purity Stainless Steel Piston In-Line Outlet Point



The Chem Master SGC6200 Series piston in-line outlet points are designed for secondary pressure gas control of corrosive, toxic or high purity gases up to grade 6.0 purity (99.9999%), on gas distribution systems.

- **SGC6201** Series | Wall Mounting Piston In-Line Outlet Point, FKM Seal
- **SGC6202** Series | Wall Mounting Piston In-Line Outlet Point, EPDM Seal

FEATURES

- Isolation Valve
- Non-return Valve
- Encapsulated seat design
- Full range of inlet and outlet fittings
- Wall mounting

MATERIAL

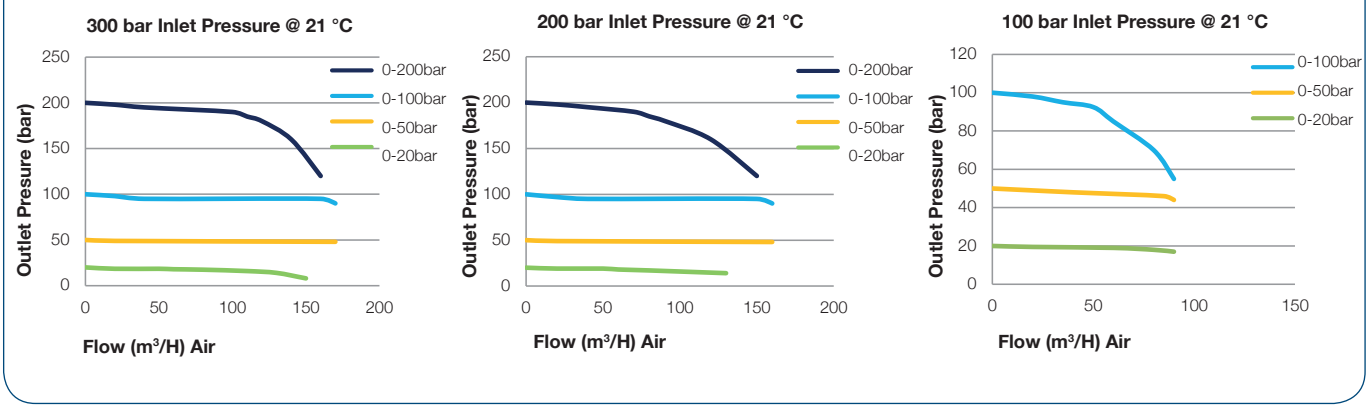
Body	316L Stainless Steel
Bonnet	Nickel Plated Brass Barstock
Piston	316L Stainless Steel
Valve Seat	PCTFE
Seal	FKM / EPDM
Filter	10 Micron 316L Stainless Steel

*** Nace and 3.1 material certificates available on request, Please contact the sales office for further information.

SPECIFICATION

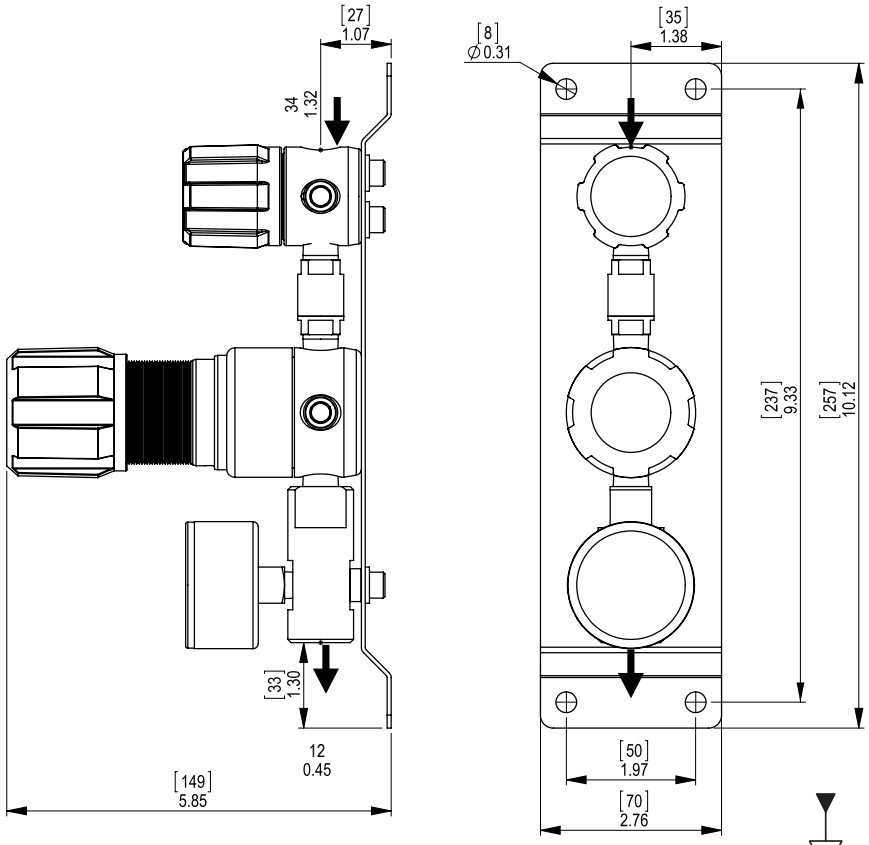
Maximum Inlet Pressure	300 bar (4350 PSI)
Delivery Pressure Range	20 bar (290 PSI)
	50 bar (725 PSI)
	100 bar (1450 PSI)
	200 bar (2900 PSI)
Gauges	50mm (2") Diameter
Ports	1/4" NPT Female
Temperature Range	-20° C to +60° C (-4° F to +140° F)
Helium Leak Integrity	$1x10^{-9}$ mbar l/s
Weight	2.05 kg (5.52 lb)

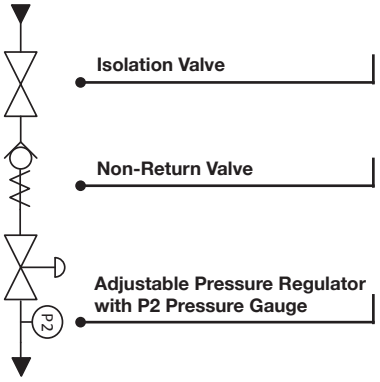
FLOW PERFORMANCE



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 SGC6200 Series

SGC6201- 04- 07- 00- 00- 001- 01- A

Product Type	Inlet Pressure Bar [PSI]	Outlet Pressure Bar [PSI]	Inlet Pressure Gauge	Outlet Pressure Gauge	Inlet Connection	Outlet Connection	Options
SGC6201	**04** 300 bar [4350]	**07** 0 to 20 [290]	**00** No Gauge Fitted	**00** No Gauge Fitted	**000** 1/4 NPT Female	**00** 1/4 NPT Female	**A** No Options Selected
SGC6202		**10** 0 to 50 [725]		**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]			**002** 1/4 Stainless Steel Compression	**02** 1/4 Stainless Steel Compression	**G** Helium Test Certificate
		12 0 to 200 [2900]			**003** 6mm Stainless Steel Compression	**03** 6mm Stainless Steel Compression	**H** 3.1 Material Certificate ***
					004 1/4 NPT Male	**04** 1/4 NPT Male	**J** NACE Certificate ***
							K Certificate of Conformity (CoC)
							P Calibration / Pressure Test Certificate
							X Special Instruction

GCE® Gas Control Equipment

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