



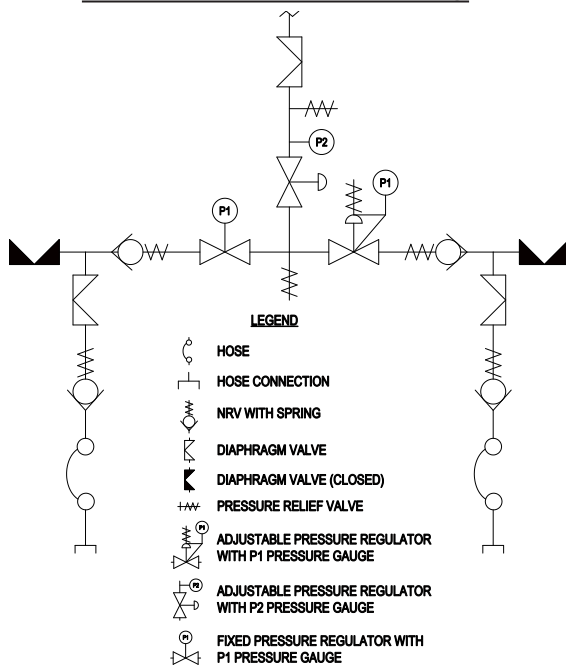
Specifications

Designed for use on systems using high or low cylinder pressure corrosive gases, toxic or high purity (up to grade 6.0) gases, the Chem-Master stainless steel Autochange Cylinder Manifolds are manufactured to operate in conjunction with cylinders filled up to 300 bar. These manifolds are designed to accommodate two equal sized banks of cylinders with one bank set as duty and the other bank set as reserve. The manifolds offer the user an uninterrupted gas supply with an alarm option to indicate when the reserve cylinder has taken over.

Product Features

- High pressure diaphragm isolation valves
- High pressure diaphragm purge/vent valves
- High pressure non-return valves
- CE marked pipeline pressure relief valve
- Pipeline diaphragm isolation valve
- Stainless steel convoluted hoses complete with cylinder connection
- Stainless steel wall mounting frame
- Stainless steel wall mounted cylinder support rack with restraint chains
- Optional contact alarm gauges for cylinder contents
- Optional inlet purge for corrosive gas mixtures
- Chem-Master products are clean room assembled and undergo 100% Helium leak testing
- Designed and manufactured in Norfolk, UK.

Process & Instrumentation Drawing



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Technical Data

Type	2 x 1 cylinder
Inlet Pressure	maximum 300 bar
Outlet Pressure	0-1.5, 0-3.5, 0-10 bar
Inlet Connection	BS341, DIN or CGA
Outlet Connection	1/4" NPT female

Materials:	
Body: Regulator & Valves	316L Stainless steel
Valve seat: Regulator	PCTFE
Diaphragm: Regulator & Valves	316L Stainless steel
Filter: Regulator	sintered 316L Stainless steel
Helium Leak Integrity	1x10 ⁻⁹ mbar l/s
Gas purity	grade 6.0 (99.9999%)
Temperature range	-20° C to +60° C
Dimensions	width: 385mm
	height: 270mm
	depth: 190mm