



Specifications

Designed for the primary regulation of high or low cylinder pressure corrosive, toxic or high purity (up to grade 6.0) gases to a stable outlet pressure, the Chem-Master range of stainless steel single-stage regulators covers a variety of applications including gas and liquid chromatography, high purity carrier gases, calibration gases, high purity chamber pressurisation and many more.

Product Features

- Six Port Configuration
- Front and rear panel mounting facility
- Pipe away safety relief valve for safe venting of exhaust gases
- Reliable encapsulated valve design
- Optional captured bonnet vent kit
- Low wetted surface area for minimal purge requirements
- Full range of inlet connections
- All Chem-Master products are clean room assembled and undergo 100% Helium leak testing
- Designed and manufactured in Norfolk, UK.



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Technical Data

Type	Single-stage
Inlet Pressure	maximum 300 bar
Outlet Pressure	0-1.5, 0-3.5, 0-10 bar
Materials:	
Body	316L Stainless steel
Valve seat	PCTFE
Diaphragm	316L Stainless steel
Filter	sintered 316L Stainless steel
Inlet Port	1/4 NPT Female
Outlet Port	1/4 NPT Female
Helium Leak Integrity	1x10 ⁻⁹ mbar l/s
Temperature range	-20° C to +60° C
Weight	1.3kg

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