

Single-stage High Pressure Cylinder Regulator

Chem-Master



Specifications

Designed for the primary regulation of high pressure corrosive, toxic or high purity (up to grade 6.0) gases to a stable outlet pressure, the Chem-Master range of stainless steel high pressure 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
- 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.



Technical Data

| | |
|-----------------------|-------------------------------|
| Type | Single-stage |
| Inlet Pressure | maximum 300 bar |
| Outlet Pressure | 0-20, 0-50, 0-100, 0-200 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 | kg |

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