



## Specifications

Designed for the secondary regulation of low pressure pipeline high purity (up to grade 6.0) gases to a stable outlet pressure, the Spec-Master range of nickel plated brass pipeline regulators covers a variety of pipeline applications in laboratories, research and development facilities, including gas and liquid chromatography, high purity carrier gases, calibration gases, high purity chamber pressurisation and many more.

## Product Features

- Four 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
- All Spec-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 40 bar                |
| Outlet Pressure       | 0-1.5, 0-3.5, 0-10 bar        |
| Materials:            |                               |
| Body                  | Nickel plated brass           |
| 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 <sup>-9</sup> mbar l/s   |
| Temperature range     | -20°C to +60°C                |
| Weight                | 1.1kg                         |

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