



Specifications

Designed specifically for the control of high pressure high purity (up to grade 6.0) gases, the Spec-Master Isolation Valve is a diaphragm design that offers precise control of the gas flow.

Available in 0 - 50 and 20 - 300 bar pressure ranges, this valve is ideally suited to both high pressure cylinder applications and low pressure pipeline and panel applications, such as gas and liquid chromatography, high purity carrier gases, calibration gases, high purity chamber pressurisation and many more.

Product Features

- Four Port Configuration
- Rear panel mounting facility
- 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

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|-----------------------|-----------------------------|
| Type | Diaphragm valve |
| Pressure Service | 0 - 50, 20 - 300 bar |
| Materials: | |
| Body | Nickel plated brass |
| Valve seat | PCTFE |
| Diaphragm | Hastalloy |
| Inlet Port | 3 x 1/4 NPT Female |
| Outlet Port | 1 x 1/4 NPT Female |
| Helium Leak Integrity | 1x10 ⁻⁹ mbar l/s |
| Weight | 0.45kg |

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