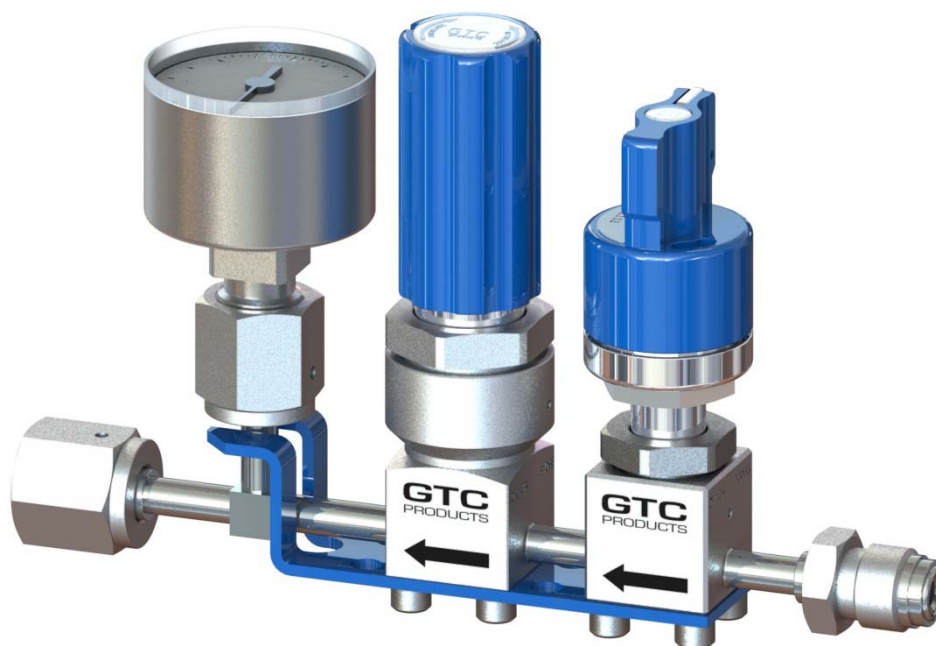


UHP Mini Gas Stick

High Flow Capacity



GTC Features

- Compact Size - 1/4" Face Seal Fittings
- High Flow Capacity
- Four Model / Pressure Ranges
- Isolation Valve with LOTO Feature

Technical Data

Specification	-30	-60	-100	-150
Outlet Pressure Range	Vac to 30 psig (-.7 to 2 bar)	5 to 60 psig (.3 to 4 bar)	20 to 100 psig (1.4 to 7 bar)	20 to 150 psig (1.4 to 10 bar)
Maximum Inlet Pressure	250 psig (17 bar)			
Proof / Burst Pressure	500 / 1000 psig (34 / 69 bar)			
Flow Coefficient	0.25 Cv comparative performance*			
Operating Temperature	-20° to 150° F (-29° to 66° C)			
Helium Leak Rate - Inboard	1 x 10 ⁻⁹ scc/s He			
Wetted Surface Roughness	< 10 Ra Average			
Wetted Surface Chemistry	Cr/Fe ≥ 2.0, CrO/FeO ≥ 3.0			
Wetted Surface Body Mat'l	316L VAR Stainless Steel			
Wetted Surface Other Mat'l	Diaphragm: Elgiloy™, Seat: PCTFE (optional Vespel™)			

* Flow Capacity is comparable to other manufacturers Cv of .25.
Actual calculated Cv is .06. Refer to flow charts to compare.



Ordering Information

MGS-02-100-VS

Model

Outlet Pressure Range

30 - Vac to 30 psig

60 - 5 to 60 psig

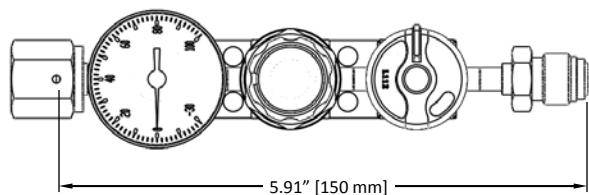
100 - 20 to 100 psig

150 - 20 to 150 psig

Options

VS - Vespel™ Seat

Dimensions



Flow Chart

