

Vacuum Generators

for Ultra-High Purity

VG1 Series

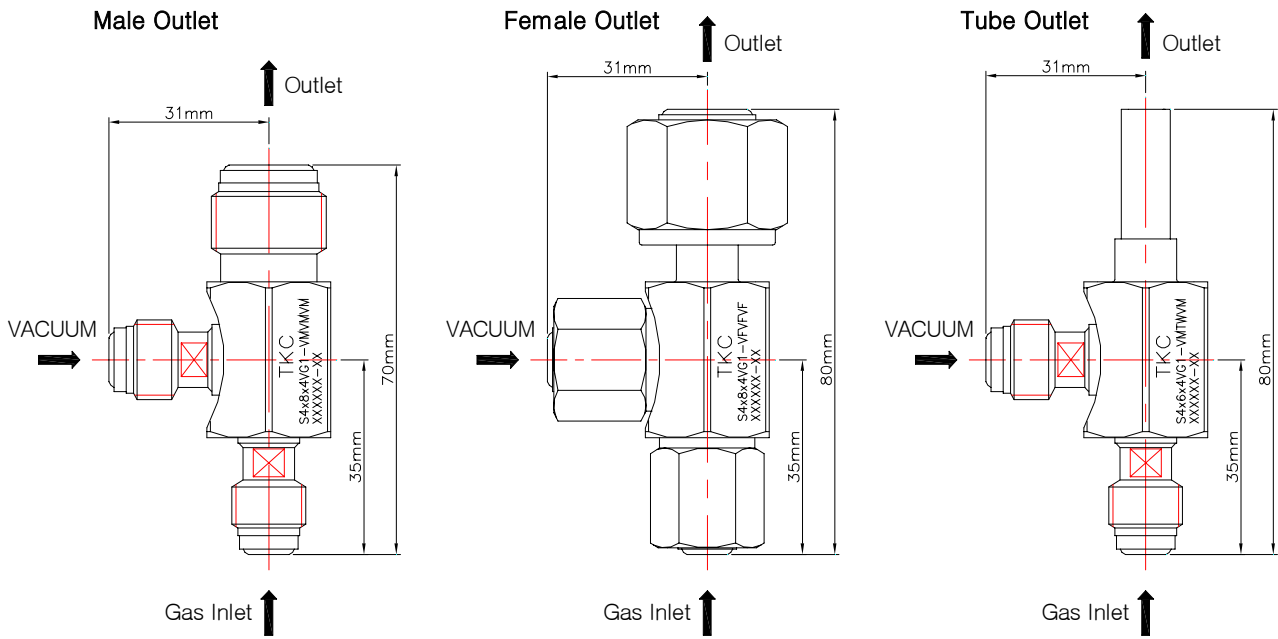
- High Performance Design
- Stainless Steel 316L Construction
- Metal Face Seal and Tube Butt-Weld Connections



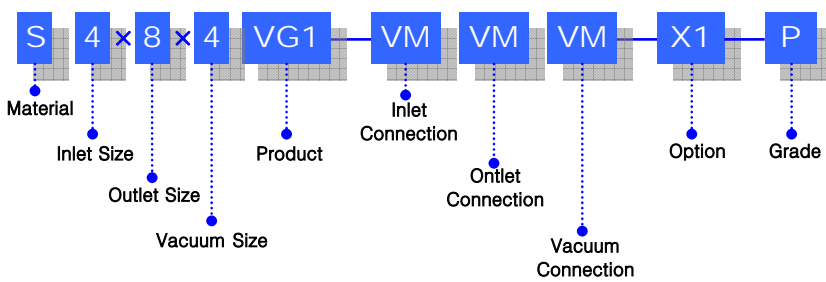
■ PRODUCT FEATURES

- 55torr(73.3mbar) vacuum generated with a minimum source Nitrogen pressure of 80psig.
- Ultrasonic and D.I. water cleaned for semiconductor Ultra-high purity.
- Cleaned, welded, assembled, tested and packaged in a Class 10 clean room.
- 100% tested for vacuum performance and Helium leakage.

Product Dimensions



Ordering Information



Material		Size	
S	SUS316L Single Melt	4	1/4"
D	SUS316L Double Melt	6	3/8"
		8	1/2"
Connection		Grade	
VM	MFS Male	A	AP Grade
VF	MFS Female	Blank	BA Grade
TW	Tube Butt Weld	P	EP Grade

Technical Data

Max. Vacuum Pressure	55torr *
Flow at Max Vacuum	55~60 L/min
Pressure at Max Vacuum	80~85psig
Optimize working Pressure	80~100psig
Max. Working Pressure	150psig (10kgf/cm ²)
Operating Temperature	0~150°C

* measured when operating gas flow is over 55LPM and extension vent tube length is over 20mm.

Note 1. Dimensional drawings are for reference only. Please contact us for customer drawing and special product.

Vacuum and Flow Specification

