

**Super Insulated Vacuum Pipelines**



■ **S. I. V. P Features**

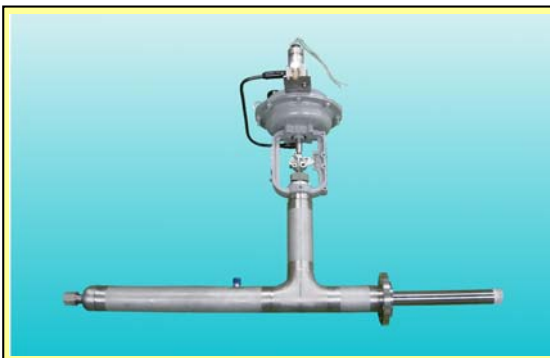
- Lowest heat leak by "super insulation"
- Can install easily and disassemble(Bayonet Joint)
- Compact and light weight
- Polished stainless steel is equivalent to the clean area,like "Pharmaceutical" and "food" industry
- Long life time

■ **Application**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• <b>Electric device process</b></li> <li>• <b>Food Industry</b></li> <li>• <b>Metal working</b></li> <li>• <b>Laboratorys</b></li> <li>• <b>Amusement</b></li> <li>• <b>Medical analysis</b></li> <li>• <b>Space</b></li> </ul> | <ul style="list-style-type: none"> <li>(Low temperature process,MBE)</li> <li>(Chilled foods,Freeze dry)</li> <li>(Cooling fit,Sub-zero treatment,Cryogenic-grinding)</li> <li>(Cryogenic Center)</li> <li>(Smoke screen)</li> <li>(MRI,Electron microscope,Biological cell storage)</li> <li>(space chamber,Liquid helium supply system)</li> </ul> |
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SIVP Bayonet



Vacuum jacket valve

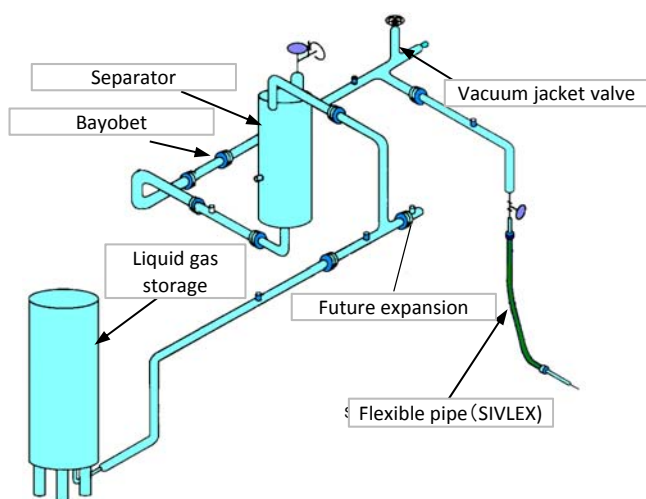
■ Service ... Nitrogen, Argon, Helium, hydrogen, and Oxygen

■ S. I. V. P Specifications

ID x OD	Heat invasion		Vapor Loss (cool down)	Weight	
	Straight	Bayonet		Straight	Bayonet
	W/m	W/m	W/m	Kg/m	Kg/set
15A x 50A	0.29	2.52	18.6	3.4	3.1
20A x 50A	0.35	2.82	23.4	3.6	3.2
25A x 80A	0.41	3.34	29.2	5.8	5.6
40A x 80A	0.57	4.7	69.8	7.9	6.1



Liquid Nitrogen auto supply system



■ Certified according M.E.T.I (MAB-514-M-2)

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