

STAINLESS STEEL GAS FILTER

SS-C SERIES

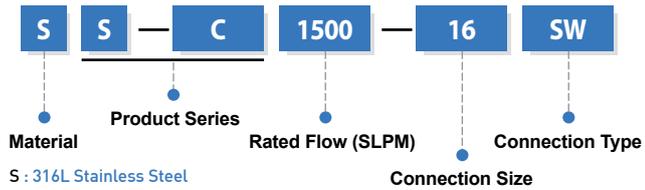
- Ultra-high purity inline Gas filter
- All 316L Stainless steel constructions
- High temperature and dynamic pressure applications



PRODUCT FEATURES

- For high flow applications
- Excellent compatibility with most high purity semiconductor process gases
- 3 Nanometer particle filtering capability keeps up high flow efficiency with minimum pressure drop
- 5Ra electro-polished surface prevents internal contaminations
- Baked with hot nitrogen after DI water cleaning to meet semiconductor process standards
- 100%helium leak tested

ORDERING INFORMATION

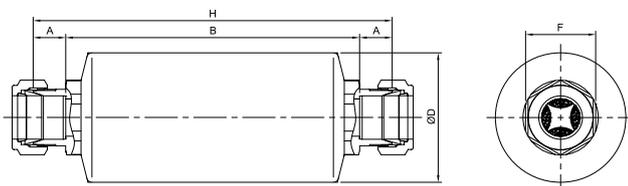


Size		Connection	
16	1"	SW	Lok type

SPECIFICATIONS

Max. Inlet Pressure		0.98MPa(10kg/cm ²) @ 20°C
Removal Rating		≥ 0.0025 μinch
Particle Retention		99.999999% Removal of all particles down to 0.0025 μinch
Temperature Range (Fluid)		Less than 460°C Less than 460°C
Materials	Housing	316L Stainless steel 316L Stainless steel
	Element	Test pressure ≤ 1x10 ⁻² Torr Holding time ≥ 1min. ≤ 1x10 ⁻⁹ atm-cc/sec
Leakage	External Leakage Allowance (He)	Test pressure ≤ 1x10 ⁻² Torr Holding time ≥ 1min. ≤ 1x10 ⁻⁹ atm-cc/sec
Nominal DIA.		1"
Flow Rate		1500 SLPM
Connection Method		Lok
Products Grade	Grade	EP
	Inner Surface Roughness	Ry ≤ 0.7 μinch 5μ Inch Ra (Avg.) Cut off Length : 0.25mm Measuring Length : 1.25mm
	Electropolishing	Electro Polishing Finish

DIMENSIONS



Part No.	A/mm	B/mm	C/mm	D/mm	F/mm	H/mm
SS-C1500-16SW	19	172	19	76.3	41	210
SS-C2000-16SW	19	172	19	76.3	41	210