

TEM-1700 SERIES GAS FILTERS

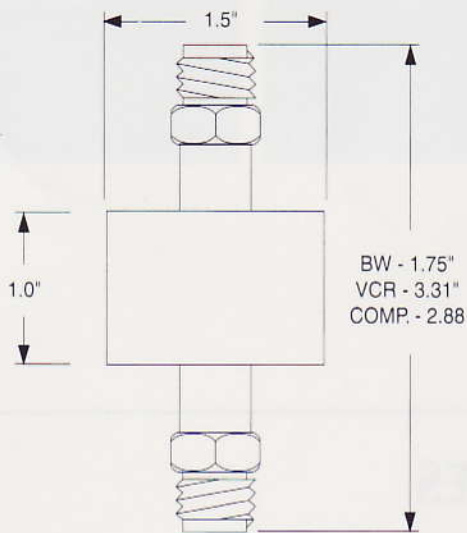
- ▶ 316L Stainless Steel Construction
- ▶ Sintered Stainless Steel Fiber Filter Medium
- ▶ Particles Retention
 - 99.999999% of all particles at .003 Microns and larger
- ▶ Internal finish is 7 microns in Ra electropolished
- ▶ All metal construction has excellent bake-out characteristics
- ▶ Preconditioned cleanliness
 - less than 1 particle / ft³
 - less than 10 ppb THC
 - less than 10 ppb moisture available as an option
- ▶ 100% Helium leak tested to 10⁻⁹ atm cc/sec
- ▶ Maximum operating pressure of 3000 psig at 250°F

The TEM-1700 Series filters are intended for the particulate filtration of non-halogenated ultra-high purity semiconductor grade gases.

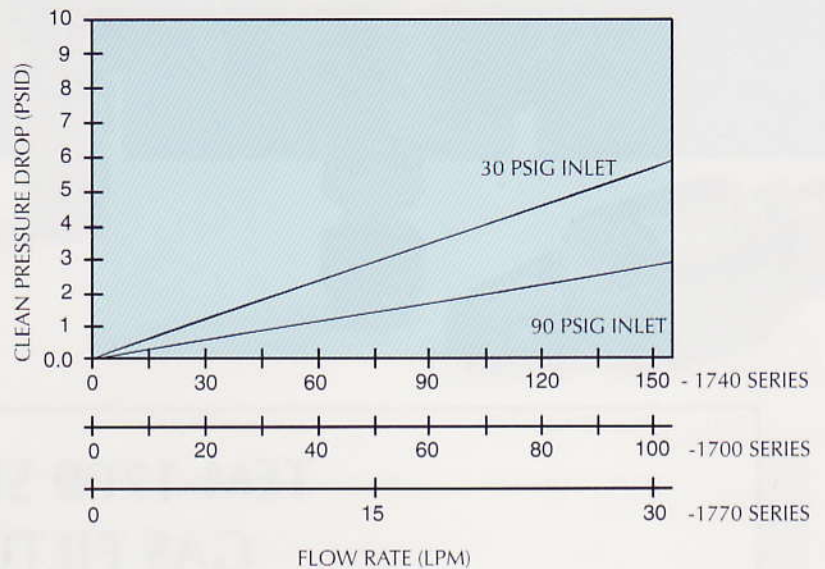
The all stainless steel construction has excellent flow characteristics for such a compact design.

The 1700 Series is 100% pressure tested, integrity tested, and helium leak checked. All filters are vacuum packed in a clean room.

Available with Butt-weld, Gasket Seals and Compression fittings.



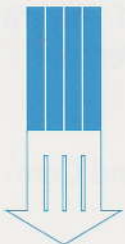
PRESSURE DROP vs. FLOW RATE



FILTER CHART

TEM Model	A Dia.	TEM Model	A Dia.	TEM Model	A Dia.	Fitting Description
1771	1.0"	1711	1.5"	1741	2.0"	1/4" Compression
1772	1.0"	1712	1.5"	1742	2.0"	1/4" Gasket Seal M/F
1773	1.0"	1713	1.5"	1743	2.0"	1/4" Gasket Seal F/M
1774	1.0"	1714	1.5"	1744	2.0"	1/4" Gasket Seal F/F
1775	1.0"	1715	1.5"	1745	2.0"	1/4" Gasket Seal M/M
1750	1.0"	1751	1.5"	1752	2.0"	1/4" Butt Weld

*Other filter lengths and fitting sizes are available.



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