



**New Product Release**

**TEM-1800 Series Gas Filter**

**99.9999999% Efficient @ 0.003 Microns**  
**All Fluoropolymer Construction with Teflon Encapsulated Viton O-ring**  
**316L 10RA Electro Polished Stainless Steel Housing**  
**Helium Leak Tested to  $1 \times 10^{-9}$  Atm. cc/sec.**  
**100% Integrity Tested**  
**Compatible with all Semi-Grade Gases**  
**250 psig Operating Pressure Rated at 250° F**  
**Available with Compression, Gasket Seal, and Butt Weld Fittings**

TEM-1800 Series filters are specifically designed for filtration of semiconductor grade gases when flow rates to 10 SCFM are required. This all welded assembly will deliver 0.003 microns absolute filtration where a high flow rate is required.

This all Fluoropolymer filter element is enclosed in a 316L stainless steel electro polished welded housing. Final assembly is purged with filtered nitrogen for initial cleanliness. It is also suited for high temperature applications to 300 ° F/150 °C. Preconditioning is optional.

