



Standard & Custom Filaments & Heating Assemblies for Oxidizing or Reducing CVD, MOCVD and Related Environments

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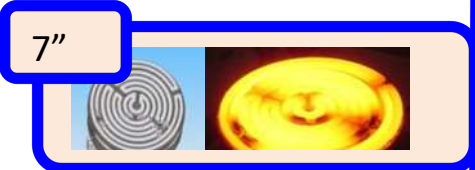
Product Description: SMI has a very wide range of experience in making its standard and customer specific filaments for operation in a wide range of environments for a wide range of applications with vastly differing constraints. SMI works with metal, carbon and more exotic filament material systems (including PBN coated graphite) to address vacuum, low, atmospheric, and hyperbaric pressure operating environments of reducing or oxidizing gases. SMI also works with lamp heaters and induction heaters and spans operating temperatures from room temperature through 2400C.



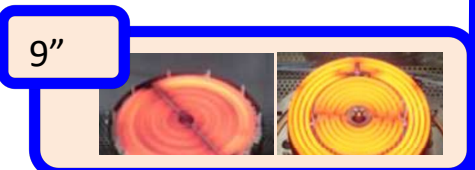
**Oxidizing through 900C on Wafer Holder
 Reducing through 1500C on Wafer Holder
 Static or Rotating Susceptor**



**Lamp Heaters
 For Vertical and Horizontal Systems**



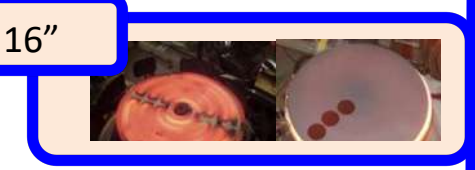
Ceramic Tube Furnace Heaters



Rectangular, custom shape, and size filaments and heater assemblies



Tape Drive Heaters



Vertical, Horizontal, and Pancake Induction Heaters through 2400C



Product Note: SM-001G-R00

Location:

Date: 20160725