

AerOheat Heaters

Features:

- Variety of sizes and shapes available. Due to custom nature of the applications, most items are made to order
- Electrical connections sealed by epoxy moisture seals or hermetic seals. Seal selection is based upon the vacuum level and the contaminants in the process.
- Variety of sizes and lengths possible for customers needs.
- AerOheat heaters offer both custom hot and cold heat sections. Heating solutions include the advantages of the BVX heaters improved cold end designs. See BVX spec sheet for more details.
- Vacuum flanges ("O" ring, or Conflat) can be provided that offer a solution in bringing the electrical (both power & sensor connections out of the vacuum system).
- All welded exterior construction can be provided to minimize any possible contamination to customers system.
- Available in stainless steel and Inconel 600 outer metal sheaths.
- Vacuum integrity is verified by helium leak checking to pass our quality testing requirements.
- Internal thermocouples can be offered on some designs. Internal thermocouples provide precise sensing of the heat being generated by the assembly.

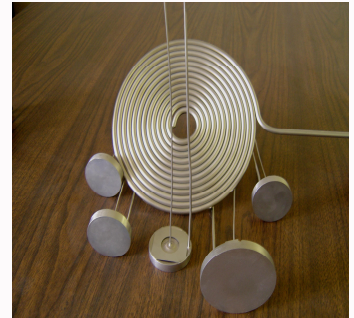
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ARI Industries offers a variety of Substrate Heater solutions

ARI's Substrate Heaters offer solutions to today's demanding process needs.

ARI's AerOheat heaters have always provided outstanding high temperature electrical heating. Many companies have found a need for substrate heating that pushes the limits of the materials traditionally used in heating applications.

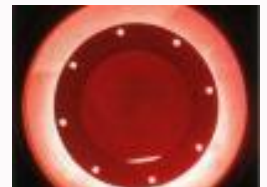
Today's Substrate Heaters come in a variety of types. The various applications needs lead us to the correct solution needed for each particular process. Substrate heating types consist of:



Disc Heaters support targets in vapor deposition systems and for semi-conductor application needs. Disk heating systems can range from 2 inch and up. ARI offers a universal support structure that allows the discs to be threaded or welded by the customers into there particular standoffs or support fixtures. Typical disc designs run from 2 to 6 inches in O.D.

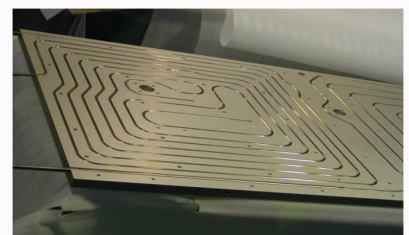


Thermal uniformity is crucial to providing a temperature source that meets or exceeds the customers requirements. Development of new and more uniform temperatures is a continual process in the production and support of our products. Solutions for superior thermal uniformity via multiple zones, or custom substrate heat spreaders are available.



Custom Platen/Substrate Heaters are produced based upon the customers applications and the products that they manufacture. ARI's AerOheat platen heaters deliver the heat where you need it the most. Custom sizes and shapes are a common request.

Call today to speak with our application specialists to discuss your process needs.



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AerOheat Heaters

