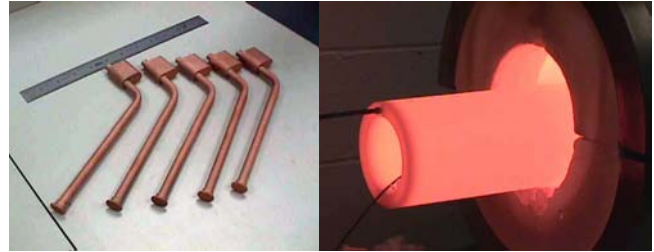


THERMAL PRODUCTS GUIDE

ACT offers thermal products to service the entire temperature range from cryogenic to liquid metal temperatures (-150 to 1,100°C). Our products have been used in diverse applications from thermal control of satellite payloads to rapid freezing of tissues in medical surgery.



Cryogenic heat pipes and liquid metal heat pipe

ACT's laboratory and manufacturing facility includes processing furnaces, brazing facilities, welding equipment, vacuum systems, and complete thermal and flow characterization facilities. It is capable of processing the following specialty materials and fluids:

- **Materials:** Aluminum, Copper, Haynes, Inconel, Molybdenum, Monel, Nickel, Stainless Steel, Titanium, and Tungsten.
- **Fluids:** Hydrogen, Oxygen, Propylene, Ammonia, Methanol, Acetone, Water, Cesium, Potassium, Sodium, Lithium, and the "intermediate temperature" fluids (450 – 700K).

ACT offers a complete range of products to service diverse markets. We specialize in high technology content thermal solutions to challenging thermal problems. These include single and two phase heat transfer systems for ruggedized military and industrial applications as well as high end specialty designs for commercial markets.

Medical



Aerospace



Consumer



Military



Calibration



Power

