



Medical

X-Ray Tube Components & Housing Assemblies

As a leader in **deep-drawn** and **electroformed** components and assemblies, Alpha Metalcraft Group (AMG) companies have extensive experience delivering highly precise and complex products for the aerospace, defense and medical markets.

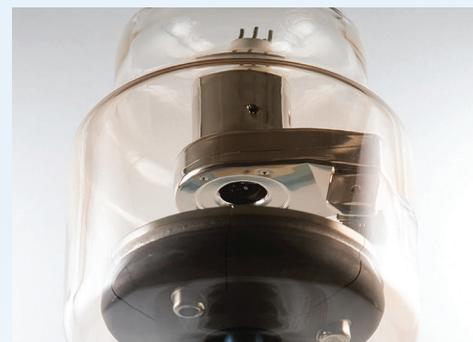
Our customers rely on us for aerospace engine and exhaust components, rotor blade and missile components, and x-ray tube components and housing assemblies. Leveraging the expertise of Connecticut Coining, Gasser and GAR Electroforming, AMG helps customers navigate their most difficult manufacturing challenges and knows how to deliver products that meet their stringent requirements.



Lead-Lined Tube Housing Assemblies



Stainless Steel, Nickel, Kovar, etc. Deep Drawn Components



Medical Products

Certifications

- ISO9001: 2015

Materials

- Alloy 718, 625
- Hastelloy
- Nickel
- 42 NiFe
- Monel
- Kovar
- Copper
- Beryllium copper
- Lead
- Brass
- Aluminum
- Stainless steel
- Cold rold steel
- Molybdenum
- Tantalum

Products

Lead-lined X-Ray Tube Housing Assemblies

X-Ray Tube Components:

- Sealing rings
- Glass to metal seals
- Metal to ceramic seals
- Heat/stator shields
- Rotor cylinders
- Focusing cups
- Filament cups/wires
- Lead cups/sleeves/inserts

Equipment & Processes:

- Deep drawing
- Assembly
- Lead lining
- Helium leak testing
- Vapor degreasing
- Trivalent chromium finishing
- CNC machining
- Robotic lathe
- Grinding
- Polishing
- Welding
- Tool/die design
- 90+ forming presses
- 10 to 600 tons

