



Because failure might be a matter of life and death

Which is why our welding and testing processes are optimized to ensure repeatable, top quality joins and seals for parts that are essential to life and health.

Body Safe Materials: Medical devices come into contact with living tissue and must be made of metals that are safe and resistant. We have decades of experience working with stainless steel, titanium and other medical grade metals.



Aesthetically Pleasing and Functional Designs: Medical devices are carefully made for purposes of both hygiene and functionality, and often in configurations that have to fit into tiny areas. Our engineering staff has the expertise to create welds that are exceptionally strong and nearly invisible, in forms ranging from simple to complex.

Heat Sensitive Parts Are No Problem: Materials used in medical devices can have high thermal conductivity and can be crack prone. Implantables can have heat sensitive inner components. Our laser and EB technology has the precision and power density that gives us exceptional control of heat affected areas when welding, and our engineering staff is expert at heat sinking techniques to protect parts from deformation and damage.

Beyond Industry Standards: There is no margin for error in medical applications, so we apply the standards of another "no margin for error industry," aerospace, to every weld we create, regardless of the industry. In fact, our standards are, in many cases, higher than that which is considered acceptable within medical device manufacturing.

Artificial Heart Pumps

Cathode Assemblies/Subassemblies

Surgical Instruments

Alignment Guides / Rods
 Bone Screw Removers
 CerviCore Disc Sizers
 Femoral Head Calipers
 Head Holders
 Keel Punch Guides
 Multiplanar Distal Radius Fixators
 Rotating Cutting Assemblies

Artificial Joints

Cutting Guides

Medical Tools

Baseplate Impactors / Extractors
 Cannulas
 Craniofacial Distractors
 Flexible Drive Shafts
 Headless Pin Extractors
 Lumbar Inferior Endplates
 Proximal Rods
 Spinal Deformity Systems

Arthroscopic Instruments

Endoscopic Instruments

Implantable Devices

Bayonet Forceps
 Carpal Tunnel Knives / Probes
 Drill Guides
 Femoral Impactors / Extractors
 Flexible Osteotomes
 Impaction Handles
 MIS Femoral Flexion Impactors
 Resection Guides
 Tibial Alignment Handles

Certified suppliers to



