

# LASER WELDING FOR MEDICAL APPLICATIONS

**ISO 9001:2000 Registered**

## **Example Medical Applications**

Orthopaedic Instruments  
Spinal Implants and Instruments  
Intravascular Tubes  
Endoscopic Tools  
Biopsy Instruments

## **Material**

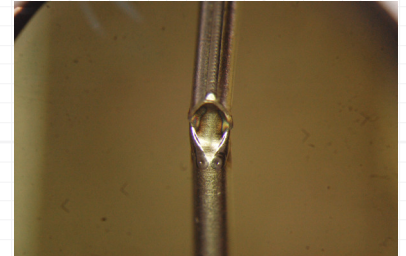
Stainless Steel -- 17-4, 316L, 316,  
304L, 304  
Titanium  
Cobalt Chrome  
Nitinol

## **Support Services**

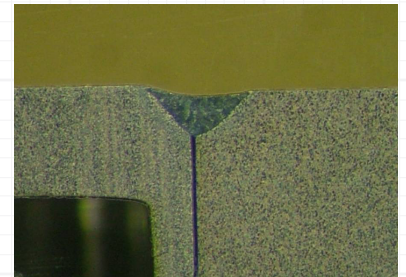
Tensile Testing  
Helium Leak Testing  
Torque Testing  
Raw Materials Management  
Outsourcing Manufactured Parts  
Electropolishing / Passivation  
Prototype Development  
Process Validation

## **Advantages**

Industry Leading Laser Welding  
Department  
Meet Critical Deadlines (1-2 Day  
turnaround)  
Scientifically Informed Solutions  
Robust Quality System



Micro Tube to Tube Weld  
316L Stainless Steel



Titanium Weld Cross-Section



Tube Weld = 304 Stainless  
Steel