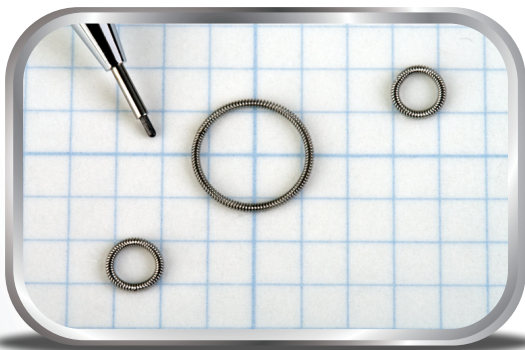


Motion Dynamics Corporation manufactures custom micro springs, medical coils, wire components and laser welded assemblies for use in the medical device industry. The mainframe of our business is dedicated to the design, production and assembly of high quality wire components for Medical Device applications. We are experienced with the demands of the product development and production process and offer the shortest possible lead time.

Pull Wire Assemblies:

- ☑ Seam, Butt, Lap, Micro and Tip Welds
- ☑ Spot Weld Sizes Down to 0.004", Micro Spots Down to 0.0004"
- ☑ Testing Capabilities: Pull Testing, Peel Testing, Cross-sectional Analysis
- ☑ Pulse and Continuous Wave Capability
- ☑ Weld Validations via Laser Energy and Mechanical Testing



Laser Welded Spring Assemblies:

- ☑ Semi and Full Automation Capability
- ☑ Contact Springs for Headers
- ☑ Micro-Wire Sub-Assemblies
- ☑ Laser Welding of Wire as Small as 0.0008" Diameter
- ☑ Laser Ball Forming on Wire Diameters Down to 0.001" with Ball Diameters Measuring as Small as 0.002"

Material Capabilities:

- ☑ Stainless Steels, Platinum Alloys, Nitinol, CoCr Alloys (Elgiloy, Phynox)
- ☑ Dis-similar Material Weld Capability
 - ☑ Stainless Steel to Platinum Alloys
 - ☑ Stainless Steel to Nickel
 - ☑ Stainless Steel to Elgiloy
 - ☑ Gold to Copper
 - ☑ A286 to Nickel



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