



We eliminate the challenges,  
you capture the market.

**Industry Focus:** Medical & Biotechnology  
Industrial & Commercial

**Overview:**

Sparton's Irvine, CA design center is uniquely qualified for the Medical and Life Science design. From concept, prototyping and engineering, testing and compliance regulations, and transition to manufacturing, we can be your partner for all. At any given time, our engineers are working on Class I, II, or III medical projects for a wide variety of applications. So whatever your need, we are here to help.

**Key Capabilities:**

- Systems engineering
- Electronics engineering
- Mechanical engineering
- Software engineering
- Test engineering

**Certifications & Standards:**

- ISO 13485
- FDA/QSR registered
- Apple MFi manufacturing and development licensee
- RoHS and Reach, IEC 60601-1, UL, CE, ETL, TUV, CAS, ISO 14971:2012, IEC 62304, 21 CFR 820

**Application Experience:**

- Glaucoma surgery
- GI procedures
- Non-surgical vein ablation
- Skin lesion monitoring
- Portable ventilation
- DNA sampling & genetic diagnosis
- Lymphedema assessment
- Food safety testing
- Dermatology cosmetic filler
- Total hip arthroplasty
- Stress urinary continence
- Fetal monitoring
- Regenerative medicine
- Ophthalmology
- POC diagnostic devices
- Surgical biopsy devices

**Technological Expertise:**

- RF ablation
- Software
- Imaging
- Pneumatics
- Microfluidics
- XYZ motion systems
- Optics
- Flex circuits
- Accelerometers
- Gyroscopes
- Audio
- Pumps
- Sensors

**Services Capabilities:**

- Concept and feasibility prototyping
- Product design and development
- Verification and validation
- Transfer to manufacturing

