

We eliminate the challenges,
you capture the market.

Manufacturing Space: 130,000 sq. ft
Industry Focus: Medical & Biotechnology
Industrial & Commercial

Overview:

Sparton's Watertown, SD location serves medical and high-end industrial customers in regulated and complex environments with their electromechanical needs. We can be your partner along the entire value chain from design, contract engineering support, prototyping and manufacturing, supply chain management and after-market services.

Key Capabilities at Watertown:

- Complex printed circuit board assemblies
- Electromechanical device assembly
- Dedicated technology and staff for test development and validation

ICT and Functional Test Development:

- In-circuit test fixturing and programming
- Flying probe test for low volume, Prototype and NPI
- Functional test design
- Full system level functional test development
- HASS/ESS

Services:

- State-of-the-art surface mount technology
- Full service top level assembly (box build)
- IP creation and customer owned

Certifications:

- IEXEx Explosive Environment
- ISO 9001:2015
- ISO 13485:2016 (Medical Device)
- FDA compliance and cGMP
- ITAR compliant
- IPC-A-610 (Class 1, 2, 3)
- IPC-771/7721 rework, modification and repair certified
- RoHS and REACH, IEC 60601-1, UL, CE, ETL, TUV, CAS, IEC 62304, 21 CRF 80

Application Experience:

- Patient care
- Intraseous
- Patient warming
- Gas and temperature
- Vibration
- Industrial laser optics
- Cardiovascular
- Auditory
- Measurement

Technological Expertise:

- Neuroablation
- Accelerometer
- Catheter monitoring
- Recording
- RF ablation
- RF audio transmission



Watertown | 2020

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