



Medical & Biotechnology

Conquering Complexity[™]

About Sparton Corporation

Sparton has become the partner of choice for companies that want to design and manufacture the most complex electronic and electromechanical devices. We have proven ourselves to be engineering and production experts, as well as responsive, client-focused partners.

Our services include everything from next generation product enhancements to complex system assembly, at facilities worldwide.

The unparalleled experience and expertise we have amassed over the years ensures that we consistently meet and exceed our customers' expectations.



INDUSTRIES

Medical and Biotechnology Military and Aerospace Industrial and Commercial



EXPERIENCE

Founded in 1900



GLOBAL ORGANIZATION

Over 1,800 Employees Worldwide



LOCATIONS

13 Locations (12 in North America and 1 in Viet Nam)



PUBLICLY TRADED

Listed on NYSE since 1929, ticker symbol SPA





The Sparton Advantage The Sparton Production System, combined with the company's experience and expertise in highly complex/highly regulated medical devices, enables Sparton to deliver unmatched quality and delivery on every project - at any stage of the product lifecycle. The key to Sparton's success are the relationships it builds with each of its customers to ensure that every aspect of project development is optimized around what matters most to them. SETTING OURSELVES APART IN A COMPLEX MARKET... (4



Product Life Cycle

Full service design and manufacturing partner.

Sparton demonstrates flexibility to serve as your full service design and manufacturing partner across or at any stage of the product life-cycle.

Product Design Services

Definition and Feasibility

Concept and specification development.

Development and Verification

System, software, mechanical, electrical, test design and verification.

Transition to Manufacturing

Process and product verification as well as design history files.

Manufacturing Services

Full Scale Production

Build to forecast.

Supply Chain

Manage a complex supply chain for quality, delivery and cost improvements.

Operational Excellence

Using the Sparton Production System with flexible work cell configurations to meet customer demand.

Component and System Level Testing

CCA level functional testing and system level functional testing.

Logistics

Finished goods management, labeling, packaging and export compliance

Aftermarket Services

Repair and refurbishment, spare parts support, sustaining engineering and obsolescence management.

Expertise and Experience

From thought to finish and beyond.

Sparton has broad experience and expertise with diagnostics, therapeutics, and surgical instrumentation in the regulated class I, II, and III medical device industry as well as biotechnology. From thought to finish and beyond, our expertise in demanding performance environments and the most critical industry applications make us the partner of choice for your complex medical device.

Focus on Complex Medical Technologies

500+

Products currently in production for highly complex and challenging markets.

36

Different medical and biotechnology applications.

Partner for your design and manufacturing needs.





COMPLEX





RF Ablation **Optics and Lasers** Electrophoresis **Thermals** Live Tissue Processing **DNA Sequencing** Cell Separation and Processing







Precision Fluidics and Microfluidics
Blood Separation
Chromatography
Motion Control
Robotic Handling and Pneumatics
Advanced Wound Care
Magnetic Stimulation







APPLICATION EXPERIENCE



Strong Customer Relationships

The partner of choice for your complex medical device.

We design and build some of the most complex medical devices in use today. This could not be achieved without our ability to work as a partner in the realization of the customer's visions, treating each and every project as if it would have our own name on it.

Understanding customer needs

- Interface with core technology to develop an instrument or device
 - Solution-oriented approach
- Extensive analysis to ensure a seamless handoff between design and manufacturing

Complete availability and communication

- Availability of key personnel throughout the project
- · Cross-functional team mirrors the customer team
 - Turn-key relationships with outside partners

Proactive Planning

- Prototype builds
- Design for durability and long-term cost savings
- Expert support throughout process
- Scale up as customer program(s) increase in demand



Robust System Approach

A robust, lean enterprise inspired approach to operational excellence.

Sparton Production System is our overall management philosophy, the blueprint for our daily activities, and the map for operating every aspect of our business. Inspired by proven, lean-manufacturing processes, we have honed our system through years of refinements and improvements to make it especially responsive to, and productive for, customers looking to manufacture highly complex products.

Six Principles of the Sparton Production System

SAFETY

Our system is not sustainable without a commitment to safety.

COST

We continuously drive out inefficiencies and waste in every aspect of our organization.

QUALITY

The extremely critical nature of the products we produce require us to operate at an incredibly high standard.

DELIVERY

We manufacture only what is needed, when it is needed, in the exact amount that is needed.

PEOPLE

Our flexible, capable, and highly motivated team is a critical component of our success.

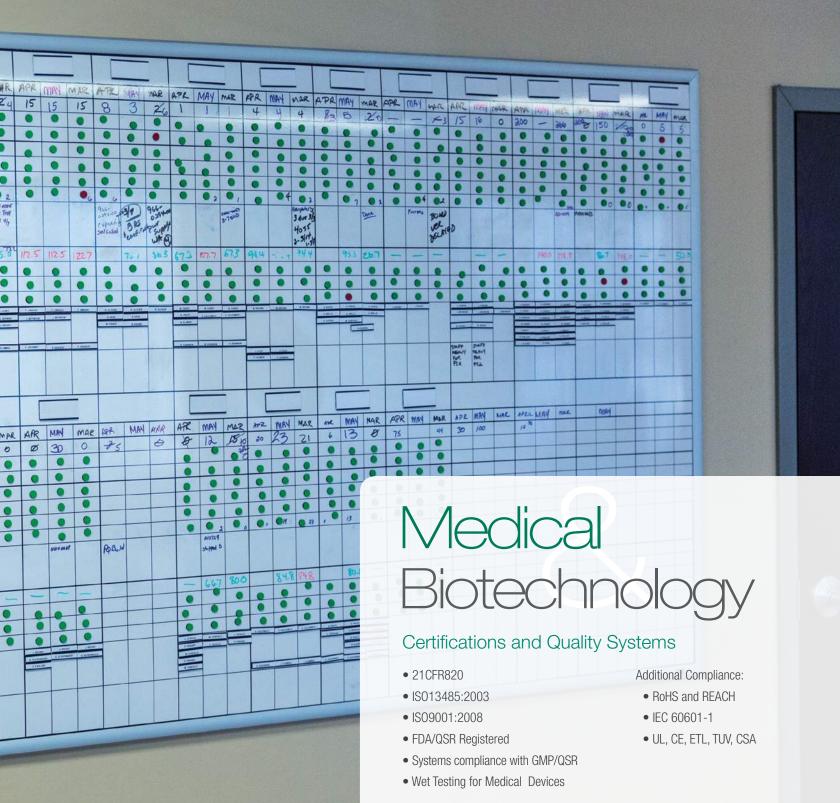
GROWTH

We are continuously seeking long-term mutually beneficial relationships.















CORPORATE OFFICE

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